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Cumulative Index to Mathematics of Computation

Volumes 1-23
1943-1969

Volumes 1—13 were published under the title
Mathematical Tables and Other Aids to Computation

Classification System by
Yudell L. Luke, Jet Wimp and Wyman Fair

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MATHEMATICS
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INDEX
vol. 1-23
1943-69

This volume was supported in part by
National Science Foundation Grant GN-691

AMS 1970 Subject Classifications:
Primary 65-XX, 68-XX; Secondary 41-XX, 49Dxx, 49Gxx.

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Preface

The purpose of this volume is to provide scientific workers with a systematic classification by subject matter and by author of all the contents in the journal *Mathematics of Computation* since its inception in 1943 when it was known as *Mathematical Tables and Aids to Computation*. We hope that this project can serve as a pilot model for the subject indexing of all mathematical journals as well as for the literature of other scientific disciplines.

The project was organized and monitored by the American Mathematical Society with the financial support of the National Science Foundation under grant GN-691. The authors thank Rosemary Moran of the Midwest Research Institute for her assistance.

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I. History of Project

The idea of a subject classification list for the mathematical sciences is not, of course, a new one. Certain mathematical journals, particularly the abstracting and review journals, have in the past regularly published subject classification lists to aid the reader in locating by content articles or reviews which appeared in that journal. Because of the increasing bulk and scope of the mathematical literature, however, the problem of refining these indices and classifying articles according to them has presented in recent years a great demand on the editorial resources of the journals. At present, the review journals use only rather primitive subject classification schemes.

A few years ago, another approach, that of a word-author index called WADEX was tried by *Applied Mechanics Reviews*. The indexing was achieved by extracting from the title of the article or book reviewed certain key words. Despite the obvious advantage that the system can be constructed and maintained by people who have no professional knowledge of the material they are indexing, the fact that titles often contain inadequate information about content or are even misleading makes a word-author index of very limited value.

The editorial committee of the journal *Mathematics of Computation* has for some time felt strongly that a 27-year subject index should be developed for that journal. Although the journal had in the past tried various subject classification schemes, it was apparent that none of these were sufficiently sophisticated or refined to serve as a basis for the new system. Also the committee considered a word-author index, for reasons such as the one given above, to be inadequate for the task, and felt that a subject classification list, one which could be modified as time went on, should be used. Because of the constantly expanding nature of mathematical research and also because of the unique character of the journal, the committee recognized that the list would have to be especially devised for the project. Further, both the creation of the list and the indexing of the material in the journal according to that list should be done by professional mathematicians with an extensive knowledge of applied mathematics. The unique character of the journal—that it not only publishes research papers but also publishes reviews of material on computational mathematics, contains a table errata section and maintains an unpublished mathematical table file (UMT)—further required that the index provide access to a much greater amount of material than simply the journal articles themselves.

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II. Development of the Subject Classification System

The most crucial task in the design of an information retrieval system is the development of the subject classification system. Ideally, it is desirable to have a sufficiently refined subject breakdown so that material is easily located while at the same time, the entries in a particular category are neither too many nor too few.

A cursory examination shows that *Mathematics of Computation* and its predecessor *Mathematical Tables and Other Aids to Computation* cover a wide variety of topics. There is material on the history of computation, numerical analysis, linear algebra, differential and integral equations and other functional equations, special functions, statistics, algebra, geometry, computing machines and applications. A subject classification scheme must be developed for each of these major topics. Few mathematicians are expert enough in all these subjects to prepare an adequate system. Our task was materially lightened since we had only to examine a subset of the world's literature on the above named subjects. Nonetheless, as a first step in an iterative procedure we prepared a system based on our knowledge and experience. Members of the editorial committee of the journal *Mathematics of Computation* were invited to comment on our scheme and to submit classification schemes for those topics least familiar to us, namely statistics, number theory, algebra and geometry. The editorial committee was very helpful and we are grateful for their ideas and suggestions. For the field of statistics, our work was considerably simplified in view of the excellent volume by J. Arthur Greenwood and G. O. Hartley, "A Guide to Tables in Mathematical Statistics," Princeton University Press, 1962. Indeed, we found that the broad outlines of the classification system given there with slight modifications could be readily adapted for our own purposes, and we acknowledge with thanks the authors and publishers of this volume for permission to use this material.

On the basis of our first edition of the classification system, comments and suggestions by members of the editorial committee and others, and trial runs on parts of various volumes of the journal, we prepared a revised edition of the classification scheme. This was subjected to further tests on the journal and again it was circulated to members of the editorial committee for comments. On the basis of the tests and remarks of certain editors, some minor changes were introduced. No further corrections or changes were made until systematic classification of the entire contents of the journal was begun. Once this phase of the project was under way, some minor changes were made to reduce the size of certain categories, and to introduce new categories to cover material not contemplated in the previous classification systems. The final subject classification system is presented on the following pages.

Subject Classification System for the Journal
Mathematics of Computation

1 General, Biography, Bibliography, History

2 Selected Topics in Numerical Analysis

- 2.05 **Approximation Theory**
  - 2.05.1 Interpolation
  - 2.05.2 Inverse Interpolation
  - 2.05.3 Least Squares, Curve Fitting, Smoothing
  - 2.05.4 Harmonic Analysis
  - 2.05.5 Polynomial Approximation (Best in the Chebyshev Sense)
  - 2.05.6 Rational Approximation (Best in the Chebyshev Sense)
  - 2.05.7 Spline Approximation
  - 2.05.8 Taylor Series
  - 2.05.9 Other Polynomial and Rational Approximations, Continued Fractions
- 2.10 **Numerical Integration**
  - 2.10.1 Numerical Integration Formulas with Preassigned Abscissae
    - 2.10.1.1 *Formulas in Lagrange Form*
    - 2.10.1.2 *Formulas Involving Finite Differences*
  - 2.10.2 Gaussian Quadrature
    - 2.10.2.1 *Based on Zeros of Jacobi Polynomials (Including Legendre and and Chebyshev Polynomials)*
    - 2.10.2.2 *Based on Zeros of Laguerre and Generalized Laguerre Polynomials*
    - 2.10.2.3 *Based on Zeros of Hermite Polynomials*
    - 2.10.2.4 *Based on Zeros of Other Orthogonal Polynomials*
  - 2.10.3 Modified Gaussian Quadrature (Radau, Lobatto, etc.)
  - 2.10.5 Other One Dimensional Integration Schemes
  - 2.10.6 Multidimensional Integration
- 2.15 **Numerical Differentiation**
- 2.20 **Roots of Equations**
  - 2.20.1 Polynomial Equations. See Also 3.15 and under Special Polynomial(s) Involved
  - 2.20.2 Transcendental Equations. See Also 7.30.5.5 and under Special Function(s) Involved
  - 2.20.3 Systems of Algebraic and Transcendental Equations
- 2.25 **Transformation of Series and Sequences**
- 2.30 **Asymptotic Methods**
- 2.40 **Differences, Divided Differences**
- 2.45 **Inequalities**
- 2.50 **Stability of Computation, Significance Arithmetic**
- 2.55 **Recursive Computation**
- 2.60 **Books on Numerical Analysis and Related Topics**

3 Linear Algebra

- 3.05 **Matrices**
  - 3.05.1 Special Matrices
  - 3.05.2 Matrix Equations and Transformation of Matrices
  - 3.05.3 Norms, Inequalities, and Condition Numbers

3.10 **Linear Equations**
3.10.1 Direct Methods
3.10.2 Indirect or Iterative Methods
3.15 **Eigenvalues and Eigenvectors**
3.15.1 Matrix Reduction Methods
3.15.2 Indirect or Iterative Methods
3.20 **Matrix Inversion and Pseudo-Inverses**
3.20.1 Direct Methods
3.20.2 Indirect or Iterative Methods
3.25 **Linear and Nonlinear Programming, Minimax Problems**
3.30 **Determinants**
3.35 **Books on Linear Algebra**

4 Ordinary Differential Equations

4.05 **Initial Value Problems**
4.05.1 Analytic Methods
4.05.2 One Step Methods
4.05.3 Multistep Methods
4.05.9 Other Methods
4.10 **Linear Boundary Value and Eigenvalue Problems**
4.10.1 Analytic Methods
4.10.2 Initial Value (Trial and Error or Shooting) Methods
4.10.3 Finite Difference (Nonshooting) Methods
4.10.9 Other Methods
4.15 **Nonlinear Boundary Value and Eigenvalue Problems**
4.15.1 Analytic Methods
4.15.2 Initial Value (Trial and Error or Shooting) Methods
4.15.3 Finite Difference (Nonshooting) Methods
4.15.9 Other Methods
4.20 **Books on Ordinary Differential Equations**

5 Partial Differential Equations

5.05 **Initial Value and Mixed Initial-Boundary Value Problems**
5.05.1 Analytic Methods
5.05.2 Explicit Difference Methods
5.05.3 Implicit Difference Methods, Iterative Schemes
5.05.9 Other Approximation Methods
5.10 **Boundary Value Problems**
5.10.1 Analytic Methods
5.10.2 Finite Difference Methods, Iterative Schemes
5.10.9 Other Approximation Methods
5.15 **Eigenvalue Problems**
5.15.1 Analytic Methods
5.15.2 Finite Difference Methods, Iterative Schemes
5.15.9 Other Approximation Methods
5.20 **Books on Partial Differential Equations**

6 Other Functional Equations

6.05 **Difference Equations**
6.10 **Difference-Differential Equations**
6.15 **Integral Equations**
6.20 **Integro-differential Equations**
6.25 **Convolution Equations**
6.30 **Variational Equations**
6.35 **Abstract Operator Equations**

7 **Special Functions**

7.05 **Mathematical Constants**

7.06 **Special Polynomials (Nonorthogonal) and Numbers—Bernoulli, Euler, Stirling, etc.**

7.07 **Factorials and Binomial Coefficients, Integer Arguments**

7.10 **Elementary Functions**

7.10.1 Circular Functions, Their Inverses and Related Functions

7.10.2 Exponential Functions and Related Functions

7.10.3 Hyperbolic Functions and Related Functions

7.10.4 Logarithmic Functions, Inverse Hyperbolic Functions and Related Functions

7.10.5 Powers, Roots, and Reciprocals

7.10.8 Combinations of Elementary Functions, Arithmetic Tables

7.15 **Gamma Functions, Psi Functions, Zeta Functions and Related Functions**

7.20 **Incomplete Gamma Functions**

7.20.1 Exponential Integral and Related Functions

7.20.2 Cos and Sin Integrals and Related Functions

7.20.3 The Error Functions

7.20.4 Inverses of Error Functions

7.20.5 Integrals of Error Functions and Related Functions

7.20.6 Fresnel Integrals and Related Functions

7.20.7 Other Incomplete Gamma Functions

7.23 **Miscellaneous Integrals of Elementary Functions**

7.25 **Confluent Hypergeometric Functions.** See Also 7.20, 7.30, 7.50.2, and 7.50.3

7.25.1 Parabolic Cylinder Functions

7.25.2 Coulomb Wave Functions

7.25.3 Other Confluent Hypergeometric Functions

7.30 **Bessel Functions**

7.30.1 General Treatment

7.30.2 Approximations and Expansions

7.30.3 Series of Bessel Functions

7.30.4 Integrals of Bessel Functions

7.30.5 Tables

7.30.5.1 $J_n(z)$, $Y_n(z)$, $H_n^{(1)}(z)$, $H_n^{(2)}(z)$, *n a positive integer or zero*

7.30.5.2 $J_\nu(z)$, $Y_\nu(z)$, *ν nonintegral*

7.30.5.3 $I_n(z)$, $K_n(z)$, *n a positive integer or zero*

7.30.5.4 $I_\nu(z)$, $K_\nu(z)$, *ν nonintegral*

7.30.5.5 *Zeros of Equations Involving Bessel Functions*

7.30.5.6 *Integrals of Bessel Functions*

7.35 **Lommel Functions, Struve Functions, Anger-Weber Functions and Associated Bessel Functions**

7.40 **Legendre Functions**

7.45 **Gaussian Hypergeometric Functions.** See Also 7.40, 7.50.1 and 7.55.1

7.45.1 Incomplete Beta Functions and Related Functions

7.45.2 Inverse of Beta Functions

7.45.3 Other Gaussian Hypergeometric Functions

7.50 **Orthogonal Polynomials and Orthogonal Functions.** For Tables of Zeros and Weights See 2.10.2, 2.10.3

7.50.1 Jacobi Polynomials, including Legendre and Chebyshev Polynomials

7.50.2 Laguerre and Generalized Laguerre Polynomials

7.50.3 Hermite Polynomials

7.50.4 Other Orthogonal Polynomials

7.50.5 Orthogonal Functions, Fourier Series, Trigonometric Series

7.55 **Elliptic Integrals, Functions and Related Functions**
7.55.1 Incomplete and Complete Integrals of the First, Second and Third Kinds
7.55.2 Jacobi Elliptic Functions
7.55.3 Weierstrass Elliptic Functions
7.55.4 Theta and Related Functions
7.60 **Mathieu Functions**
7.65 **Spheroidal and Other Wave Functions**
7.70 **Generalized Hypergeometric Functions of a Single Variable**
7.75 **Generalized Hypergeometric Functions of More than One Variable**
7.80 **Basic Hypergeometric Functions**
7.85 **Integral Transforms**
7.90 **Numerical Tables of Infinite Series**
7.93 **Numerical Solutions for Particular Differential and Other Functional Equations**
7.95 **Handbooks of Mathematical Tables and Formulas**
7.99 **Books on Special Functions**

8 **Probability and Statistics**
8.05 **The Normal Distribution**
8.10 **The χ^2 and Poisson Distributions**
8.15 **The Incomplete Beta, Binomial, t-, F- and z-Distributions**
8.20 **Discrete Distributions**
8.25 **Testing of Hypotheses**
8.30 **Correlation, Serial Correlation and Covariance**
8.35 **Rank Correlation and Order Statistics**
8.40 **Nonparametric Tests**
8.45 **Systems of Frequency Curves, Moments**
8.50 **Random Numbers and Samples**
8.55 **Acceptance Sampling, Control, Tolerance**
8.60 **Experimental Design**
8.65 **Monte Carlo Methods**
8.67 **Stochastic Processes**
8.70 **Handbooks of Tables and Formulas**
8.75 **Books on Probability and Statistics**

9 **Number Theory**
9.05 **Mersenne, Fermat, Perfect, and Other Numbers**
9.10 **Number Theoretic Functions**
9.15 **Binomial Congruences, Primitive Roots, Residues, etc.**
9.20 **Primes and Their Distribution**
9.25 **Factorization**
9.30 **Forms and Diophantine Equations**
9.35 **Diophantine Approximation**
9.40 **Normal Numbers and Distribution of Digits**
9.45 **Modular Computation**
9.50 **Books on the Theory of Numbers**

10 **Algebra and Combinatorial Theory**
10.05 **Groups, Rings, Fields, Algebras**
10.10 **Finite Fields**
10.12 **Symmetric Functions**
10.15 **Irreducible Polynomials**
10.20 **Arrays, Latin Squares**
10.25 **Projective Planes, Block Designs, Difference Sets**
10.30 **Permutations, Combinatorial Identities**
10.35 **Graph Theory**
10.40 **Books on Algebra and Combinatorial Theory**

11 **Geometry**
- 11.05 **Coordinate Conversion Tables**
- 11.10 **Polygons, Polyhedra and Other Geometrical Figures**
- 11.15 **Conformal Mapping**

12 **Computers and Other Aids to Computation**
- 12.05 **Digital Computers**
  - 12.05.1 Coding, Programming and Software
  - 12.05.2 Design and Hardware
- 12.10 **Analog Computers**
- 12.15 **Digital-Analog (Hybrid) Computers**
  - 12.15.1 Coding, Programming and Software
  - 12.15.2 Design and Hardware
- 12.20 **Aids to Computation—Slide Rules, Desk Calculators, etc.**
- 12.25 **Nomographs**
- 12.30 **Books on Computers and Computing**

13 **Applications**
- 13.05 **Physical and Chemical Sciences**
- 13.10 **Astronomy, Astrophysics, Navigation Tables**
- 13.15 **Engineering Sciences**
- 13.20 **Earth Sciences, Atmospheric Sciences, Triangulation and Geodetic Tables**
- 13.25 **Biology and the Behavioral Sciences**
- 13.30 **Economics and the Social Sciences**
- 13.35 **Logic, Theory of Automata, Control Theory, Cybernetics**
- 13.40 **Information Theory, Game Theory**
- 13.45 **Operations Research, Management Problems, Data Analysis and Processing**
- 13.50 **Actuarial Science, Actuarial and Financial Tables**
- 13.55 **Humanities**

III. Use of the Classification System

For most purposes, the subject classification scheme given in Section II is self-explanatory. In certain circumstances, however, the user may find the *Alphabetical Subject Classification* list in Section IV helpful. In this list, the various mathematical topics are listed alphabetically and paired with the appropriate classification numbers given in Section II.

There are a few terms used in the subject classification list which should be clarified. The term "see also" is best explained by an example. In illustration, we have

2.20.1 Polynomial Equations. See Also 3.15 and under Special Polynomial(s) Involved

This means that the items indexed under 2.20.1, Polynomial Equations, do not include any items having to do with 3.15, eigenvalue problems, unless the article in question treats both subjects.

We have used the following general principles as a guide in classifying books. If a book is written on an elementary level, then it will be classified

in a book category alone. For instance an elementary text in numerical analysis will be given only the classification 2.60. Books containing advanced and detailed discussions on specialized topics are classified under both books and the specialized topics treated.

Normally in an information retrieval system, if 2n X is a category which has no subcategories, e.g., 2.05.1, then only X categories will contain entries. Thus entries are recorded in 2.05.1 but not in 2.05 or 2. This principle can be readily followed on a computerized information retrieval system. However, in book form such a process would necessitate considerable duplication. To save space, if an item is pertinent to all or virtually all categories in the 2 group, then it is put in the 2 group only. Again, if an item is pertinent to all or nearly all of 2.05.y, $y = 0(1)9$, then it is recorded in 2.05.

IV. Alphabetical Subject Classification List

A

Acceptance Sampling 8.55
Actuarial Science 13.50
Airy Functions and Integrals 7.30.2 7.30.5.2 7.30.5.4
Airy Functions, Integrals of 7.30.4 7.30.5.6
Algebra 10
  Books on 10.40
Amicable Numbers 9.05
Analysis
  Harmonic 2.05.4
  Numerical 2
Anger-Weber Functions 7.35
Appell Series 7.75
Approximation
  Diophantine 9.35
  Padé 2.05.8
  Polynomial 2.05.8
  Polynomial, Best in the Chebyshev Sense 2.05.4
  Rational 2.05.8
  Rational, Best in the Chebyshev Sense 2.05.5
  Spline 2.05.7
  Theory 2.05
Arithmetic
  Significance 2.50
  Tables 7.10.8
Arrays 10.20
Associated Bessel Functions 7.35
Astronomy 13.10
Astrophysics 13.10
Asymptotic Methods 2.30
Atmospheric Sciences 13.20
Automata 13.35
Automorphic Functions 7.55.4

B

Behavioral Sciences 13.25
Bernoulli Numbers and Polynomials 7.06
Bessel Functions 7.30
Bessel Functions, Associated 7.35
Bessel Polynomials 7.50.4
Beta Function 7.07 7.15
  Incomplete 7.45.1
  Incomplete, Inverse of 7.45.2
Bibliography 1
Binomial Coefficients 7.07
Binomial Congruences 9.15
Binomial Function 7.45.3
Biography 1
Biology 13.25
Block Designs 10.25
Books on
  Combinatorial Theory 10.40
  Computers and Computing 12.30
  Linear Algebra 3.35
  Number Theory 9.50
  Numerical Analysis 2.60

Ordinary Differential Equations 4.20
Partial Differential Equations 5.20
Probability 8.75
Special Functions 7.99
Statistics 8.75
Boundary Value Problems 4.10 5.10

C

Calculators, Desk 12.20
Chebyshev Polynomials 2.10.2.1 7.50.1
Chebyshev Polynomial Approximation, Best 2.05.5
Chebyshev Rational Approximation, Best 2.05.6
Chemical Sciences 13.05
Chi-Squared (χ^2) Distribution 8.05
Circular Functions 7.10.1
Inverse 7.10.1
Classical Orthogonal Polynomials 7.50
Coding 12.05.1
Combinatorial Theory 10
Books on 10.40
Compound Interest 13.50
Computation
Aids to 12.20
Books on 12.30
Modular 9.45
Recursive 2.55
Stability of 2.50
Computers 12
Analog 12.10
Books on 12.30
Coding 12.05.1 12.10 12.15.1
Design 12.05.2 12.10 12.15.2
Digital 12.05
Digital-Analog 12.15
Hardware 12.05.2 12.10 12.15.2
Hybrid 12.15
Programming 12.05.1 12.10 12.15.1
Software 12.05.1 12.10 12.15.1
Confluent Hypergeometric Functions 7.20 7.25 7.30 7.50.2 7.50.3
Conformal Mapping 11.15
Conical Functions 7.40
Constants 7.05
Congruences, Binomial 9.15
Continued Fractions 2.05.9
Control 8.55 13.35
Convolution Equations 6.25
Coordinate Conversion Tables 11.05
Correlation 8.30 8.35
Cosine 7.10.1
Cosine Integral 7.20.1 7.20.2
Coulomb Wave Functions 7.25.2
Covariance 8.30
Curve Fitting 2.05.3
Curves, Frequency 8.45
Cybernetics 13.35
Cyclotomy 9.15
Cylindrical Functions 7.30 7.30.5.1 7.30.5.2

D

Data Analysis and Processing 13.45
Debye Functions 7.23 7.85
Decimal-Octal Conversion Tables 9.45
Derivatives 2.05.8 2.15
Design of Computers
Analog 12.10
Digital 12.05.2
Digital-Analog 12.15.2
Design, Experimental 8.60
Determinants 3.30
Difference Equations 6.05
Difference-Differential Equations 6.10
Differences 2.40
Difference Sets 10.25
Differential Equations
Books on 4.20 5.20
Boundary Value Problems 4.10, 4.15, 5.10
Eigenvalue Problems 4.10 4.15 5.15
Initial Value Problems 4.05 5.05
Numerical Values of Solutions of 7.93
Ordinary 4
Partial 5
Differentiation, Numerical 2.15
Dilogarithm 7.10.4 7.23
Diophantine
Approximation 9.35
Equations 9.30
Discrete Distributions 8.20
Distribution of Digits 9.40
Distribution of Primes 9.20
Distributions
χ^2 8.10
Discrete 8.20
F 8.15
Incomplete Beta 8.15
Normal 8.05
Poisson 8.10
t 8.15
z 8.15
Divided Differences 2.40

E

E-Functions 7.70
Earth Sciences 13.20

Economics 13.30
Eigenvalue Problems, Differential Equations 4.10 4.15 5.15
Eigenvalues of Matrices 3.15
Eigenvectors of Matrices 3.15
Elementary Functions 7.10
  Integrals of 7.23
Ellipsoidal Wave Functions 7.65
Elliptic Integrals 7.55.1
Elliptic Modular Functions 7.55.4
Engineering Sciences 13.15
Equations. See under appropriate modifiers such as difference, differential, etc.
Error Functions 7.20.3 7.20.6
  Inverses of 7.20.3
  Integrals of 7.20.5
Euler's Constant 7.05
Experimental Design 8.60
Exponential Function 7.10.2
Exponential Integral 7.20.1 7.20.2

F

Factorials, Integer Arguments 7.07
F-Distribution 8.15
Fermat Numbers 9.05
Fermi-Dirac Integrals 7.23 7.85
Fields 10.05 10.10
Financial Tables 13.50
Forms 9.30
Fourier Coefficients and Series 7.50.5
Fourier Transforms 7.85
Frequency Curves 8.45
Fresnel Integrals 7.20.3 7.20.6
Function. See under appropriate modifier such as Bessel, hypergeometric, Lommel, etc.
Functional Equations 6
  Numerical Values of Solutions of 7.93

G

G-Functions 7.70
Game Theory 13.40
Gamma Functions 7.15
  Incomplete 7.20
Gauss' Hypergeometric Function 7.45
Gaussian Primes 9.20
Gaussian Quadrature 2.10.2 2.10.3
Gegenbauer Polynomials 7.50.1
Generalized Hypergeometric Series 7.70 7.75
Geodesy 13.20
Geometry 11
Graph Theory 10.35
Groups 10.05

H

Handbooks of Tables and Formulas 7.95 8.70
Hankel Functions 7.30 7.30.5.1 7.30.5.2
Hankel Transforms 7.85
Hardware
  Analog Computers 12.10
  Digital Computers 12.05.2
  Digital-Analog Computers 12.15.2
Harmonic Analysis 2.05.4
Hermite Polynomials 2.10.2.3 7.50.3
History 1
Humanities 13.55
Hyperbolic Functions 7.10.3 7.10.4
Hypergeometric Functions
  Basic 7.80
  Gauss' 7.45
  Generalized 7.70 7.75
Hypothesis, Testing of 8.25

I

Incomplete Beta Distribution 8.15
Incomplete Beta Function 7.45.1 7.45.2
Incomplete Gamma Functions 7.20
Inequalities 2.45 3.05.3 See Also under Special Function(s) Involved
Infinite Series, Tables of 7.90
Information Theory 13.40
Initial Value Problems, Ordinary Differential Equations 4.05
  Analytic Methods 4.05.1
  Multistep Methods 4.05.3
  One Step Methods 4.05.2
Integral Equations 6.15
  Numerical Values of Solutions of 7.93
Integral Transforms 7.85
Integrals of Bessel Functions 7.30.4 7.30.5.6
Integrals of Elementary Functions 7.23
Integration, Numerical 2.10
Integro-Differential Equations 6.20
Interpolation 2.05.1
  Inverse 2.05.2
Irreducible Polynomials 10.15
Irregular Negative Determinants 9.30

J

Jacobi Elliptic Functions 7.55.2
Jacobi Polynomials 2.10.2.1 7.50.1

L

Lagrange Integration Coefficients 2.10.1.1
Lagrange Interpolation Coefficients 2.05.1
Laguerre Polynomials 2.10.2.2 7.50.2

Lamé Functions 7.65
Laplace Transform 7.85
Latin Squares 10.20
Lattices 10.20
Least Squares 2.05.3
Legendre Functions 7.40
Legendre Polynomials 2.10.2.1 7.50.1
Linear Equations 3.10
Lobatto Quadrature 2.10.3
Logarithmic Functions 7.10.4
Logarithmic Integral 7.20.1
Logic 13.35
Lommel Functions 7.35

M

MacRobert's E-Function 7.70
Management 13.45
Markov Processes 8.67
Mathematical Constants 7.05
Mathieu Functions 7.60
Matrices
  Eigenvalues 3.15
  Eigenvectors 3.15
  Equations Involving 3.05.2
  Inequalities 3.05.3
  Inversion of 3.20
  Norms 3.05.3
  Pseudo-Inverses 3.20
  Special 3.05.1
  Transformation of 3.05.2
Mersenne Numbers 9.05
Meteorology 13.20
Mittag-Leffler Function 7.10.2
Modular Computation 9.45
Moments 8.45
Monte Carlo Methods 8.65

N

Navigation 13.10
Nomographs 12.20
Normal Distribution 8.05
Normal Numbers 9.40
Number Theoretic Functions 9.10
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V. Description of the Indices

There are two indices in the retrieval system. The first is an *author index* which contains complete information about each item in the journal. The second, a *subject index*, is used in conjunction with the author index.

The author index has been set up so that it gives bibliographical information on all of the items published in the journal. Information in this index includes title of article; information on language of summaries or discussion; translated title of books not in English, French, German, or Italian; title of book which is a collection of articles written by a number of authors; volume, year, and number of pages; publisher of a book; journal title of periodicals; information concerning translations; MATHEMATICAL REVIEWS numbers: location and author of reviews and location of errata reported in MATHEMATICS OF COMPUTATION; subject classification. Items are listed alphabetically by author and chronologically under each author's entry. Each article is identified by both an ordering numeral and an identifying code in order that the reader may tell quickly whether the information listed concerns a primary research publication, a review of the work, errata to a table, or any of the other types of information covered by the journal. The following codes are used:

P = research paper
R = review of article or book
U = table deposited in the UMT (unpublished mathematical table) file
E = errata
Q = queries and replies
M = microfiche of table, included in pocket at back of issue

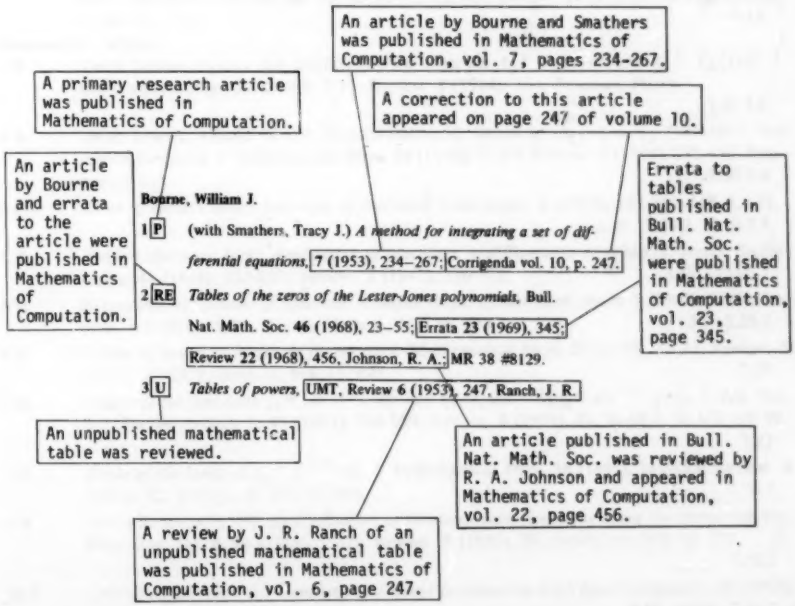
In the items listed in the author index, the word "Errata" refers to work published in sources other than Mathematics of Computation which contains errors in numerical tables or in mathematical formulae. Corrections to articles published in Mathematics of Computation are designated as corrigenda and appear at the end of the listing of the article, in the author index only. The computer program allows for the combination RE (see example below), but does not allow for the combinations PE, UE or ME. In the latter cases, P, U, or M will be listed in both author and subject indexes, and the existence of corrigenda will be discovered upon reading in the author section.

The identifying codes are used in the subject index to refer the reader to the relevant items in the author index. In illustration, if under a subject

category there appears "Smith, J. F., 3P, 5RE," then (a) the third item in the author index under Smith's name will refer to a research paper by Smith; and (b) the fifth item will refer to both a review of and an erratum of some work of Smith. For further examples, see AUTHOR ENTRY EXPLANATORY DIAGRAM at the end of this section.

Author names are in the canonical form used by the American Mathematical Society in setting indexes compiled by the computer; these names are alphabetized by number, rather than by letters. It is the same form as used in Mathematical Reviews and by the Mathematical Title Service. Multiple authors are listed under all names in the author index and under one name in the subject index; in cases of six or more authors, et al is used in place of multiple names. Editors are designated; when there are several editors, the item appears under the name of each editor, but the item does not list the names of the multiple editors.

Author Entry Explanatory Diagram


An article by Bourne and Smathers was published in Mathematics of Computation, vol. 7, pages 234-267.
A primary research article was published in Mathematics of Computation.
A correction to this article appeared on page 247 of volume 10.
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Richman, P. L. 1P
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Snyder, Martin Avery 1R
Strecok, Anthony J. 1P
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Archibald, Raymond Clare 104P
Bari, N. K. 1R
Bateman, Harry 6P
Bauer, L. 1R
Belevitch, Vitold 1R
Bellman, Richard E. 1P, 4P
Blanch, Gertrude 2R, 13P
Boas, Ralph Philip, Jr. 1R
Burgoyne, F. D. 4P, 7P
Cook, Edward M. 1R
Elliott, David L. 3P, 4P
Fair, Wyman G. 1P, 3P, 4P
Fettis, Henry E. 14R
Fields, Jerry L. 2P
Fischer, Paul B. 1R
Floyd, Robert W. 1P
Fox, Leslie 4R
Frank, Evelyn 1PM
Fried, Burton D. 1R
Gantmaher, Feliks R. 1R
Gargantini, I. 1P
Gebhardt, Friedrich 1P
Guest, P. G. 3R
Harrison, Joseph O., Jr. 1P
Hastings, Cecil, Jr. 7R
Hershey, A. V. 2R
Hinčin, A. Ja. 1R, 2R
Hitchcock, A. J. M. 1P
Holdeman, Jonas T., Jr. 1P
Hovanskiĭ, A. N. 2R
Johnson, Lee 2P
Kammerer, William J. 1P
Kelisky, Richard P. 1P
Knuth, Donald E. 1P
Kortum, R. 2RE
Lambert, J. H. 1R, 2R
Lambert, John D. 1P
Langdon, Lyle R. 1R
Leavitt, Jay A. 2P
Lehmer, Derrick Henry 17E
Luke, Yudell L. 13RE, 15P, 18P
Macon, Nathaniel 1P
Maehly, Hans J. 1R
Mechel, Fr. 2P
Mond, Bertram 1P
Muller, Mervin E. 1P
Natanson, Isidor Pavlovič 1R
VON Neumann, Johann 8PR
Olds, C. D. 1R
Ostrowski, Alexander M. 3P
Owen, Donald B. 3R
Patz, Wilhelm 1R
Pedersen, Peder 1R, 2R, 3R
Perlin, Irwin E. 1P
Pipping, Nils 2R, 3R
Ribière-Michaud, Françoise 1R
Rice, John R. 1P, 2P, 3R
Rosser, J. Barkley 1R
Roth, K. F. 1R
Rutishauser, Heinz 2R
Salzer, Herbert E. 82P
Sankar, R. 1P
Scott, R. E. 1R
Shanks, Daniel 1P
Snyder, Martin Avery 1R
Spielberg, Kurt 1P, 2P
Spira, Robert 3U
Stancu, Dumitru D. 1P
Strecok, Anthony J. 1P
Tamir, T. 1P
Teichroew, Daniel 1P
Thacher, Henry C., Jr. 5P
Walsh, J. 1R
Whittlesey, John R. B. 1P
Wrench, John W., Jr. 16P, 21P
Wynn, Peter 3P, 4P, 5P
Centre Belge de Recherches Mathématiques 1R
International Business Machines Corporation 6R
National Bureau of Standards 43R
National Physics Laboratory, London 3R

2.10 Numerical Integration

Davis, Philip J. 9R
Krylov, Vladimir Ivanovich 4R
Stroud, Arthur H. 6P, 15R

2.10.1 Numerical Integration Formulas with Preassigned Abscissae

Bennett, Albert A. 2RE
Burunova, N. M. 1RE
Henrici, Peter 3R
Hunter, D. B. 1P
Huskey, Harry D. 2R
Jordan, Charles 1PR
Lebedev, A. V. 1RE
McNamee, John 1P
Osborne, M. R. 2P
Salzer, Herbert E. 15R
Todd, John 10P
Great Britain, H. M. Nautical Almanac Office 13R
Mathematisches Labor der Technischen Hochschule Wien 1R
New York Mathematical Tables Project 22R

2.10.1.1 Formulas in Lagrange Form

Archibald, Raymond Clare 98P
DE Balbine, Guy 1P
Barnhill, Robert E. 2P, 3UM
Beard, R. E. 3R
Bergland, G. D. 2P
Chawla, M. M. 3P
Chiarella, C. 1P
Davis, Philip J. 2P
Day, James Thomas 4P
Delves, L. M. 3P, 4P
Duris, C. S. 1P
Fehlberg, Erwin 1R
Fettis, Henry E. 1P, 16P
Fosdick, Lloyd D. 2P
Goldstine, Herman H. 6R
Goodwin, E. T. 3P
Haber, Seymour 4P
Hammer, Preston, C. 5P
von Holdt, Richard Elton 1P
Hunter, D. B. 2P
Kaplan, Edward L. 4R
Lear, James D. 1P
Lo, Y. T. 1P
Lowan, Arnold N. 11R
Luke, Yudell L. 6P, 9P, 18P
van de Lune, J. 1P
Lyness, J. N. 8P, 9P, 12P
Mechel, Fr. 1P
Mond, Bertram 2R
Moran, P. A. P. 1P
Natanson, Isidor Pavlovič 1R
Navot, Israel 1P

Ninham, Barry W. 1P, 2P
Oldfield, B. 3R
Reichel, A. 1P
Reiz, Anders 2R
Roman, Irwin 4P
Salzer, Herbert E. 47R, 51R, 60R, 69R, 77P, 78R
Schwartz, Jacob T. 1R
Stancu, Dumitru D. 1P
Stetter, Franz 1P
Stroud, Arthur H. 9P
Szekeres, George 1P
Takeyama, Hisao 1E
Tuck, E. O. 1P
Valentin, Richard A. 1P
VAN DE Voorèn, Adriaan Isak 1P
Wilson, M. Wayne 2P
Harvard University, Computation Laboratory 20R

2.10.1.2 Formulas Involving Finite Differences

Burgoyne, F. D. 5P
Hammer, Preston, C. 3P
Herget, Paul 4R
Jacchia, Luigi 1P
Kunz, Kaiser S. 1PR
Mitchell, Andrew R. 1P
Mock, Owen R. 2U
Salzer, Herbert E. 7U, 24R, 36R, 79P
Stamper, Patricia C. 1U

2.10.2 Gaussian Quadrature

Beard, R. E. 3R
Davis, Philip J. 7R
Gautschi, Walter 4P
Golub, Gene Howard 3PM
McNamee, John 1P
Natanson, Isidor Pavlovič 1R
Stroud, Arthur H. 10P
Todd, John 10P

2.10.2.1 Based on Zeros of Jacobi Polynomials (Including Legendre and Chebyshev Polynomials)

DE Balbine, Guy 1P
Barnhill, Robert E. 2P, 3UM
Bellman, Richard E. 1P, 4P, 9R
Butcher, John C. 2P, 4U
Chawla, M. M. 1P, 2P, 3P, 4P
Church, Robert F. 1P
Cooper, G. J. 2P
Davis, Philip J. 2P, 4R
Day, James Thomas 1P
DiDonato, A. R. 3P
Fettis, Henry E. 3P
Feuchter, Christopher A. 1PM
Fishman, Herbert 1PR
Gautschi, Walter 5P
Gawlik, H. J. 2R
Glasmacher, Werner 1R
Haber, Seymour 1P
Hammer, Preston, C. 4PR, 6P, 9P
Harper, W. M. 1P
Haselgrove, C. B. 2P
Hurwitz, Henry, Jr. 1P, 2P
Jordan, Charles 1PR
Kopal, Zdeněk 5E
Kronrod, Aleksandr Semenovich 1R
Krylov, Vladimir Ivanovich 3R
Lance, G. N. 2E
Lether, F. G. 2U
Lo, Y. T. 1P
Longman, Ivor M. 1P
Love, Carl H. 1R
Lowan, Arnold N. 1RE, 3E
Lyness, J. N. 1P, 2P, 3P, 4P, 5P, 12P
McNamee, John 1P
Mustard, D. 1P
Newman, J. N. 1P
Ninham, Barry W. 1P
Olson, Arne P. 1RM
Patterson, T. N. L. 1PME, 2PM, 3P, 4RM
Peirce, William H. 1P
Rabinowitz, Philip 10P
Reiz, Anders 2R, 3P
Riley, John A. 1P
Robinson, Stephen M. 1P
Salzer, Herbert E. 19R
Sarma, V. L. N. 2P
Sprung, Donald W. L. 1P
Stetter, Franz 1P
Stoller, L. C. 1P
Struble, George W. 1P
Todd, John 2P
Tompa, H. 1U
Whitney, E. L. 1P
Wilson, M. Wayne 2P
Great Britain, H. M. Nautical Almanac Office 13R
National Bureau of Standards 35R

2.10.2.2 Based on Zeros of Laguerre and Generalized Laguerre Polynomials

Aĭzenštat, V. S. 1R
Baburin, O. V. 1R
Berger, Bruce S. 2U, 3U
Concus, Paul 1P, 2U
Dekanosidze, E. N. 3R
Hammer, Preston, C. 6P
Harper, W. M. 1P
Kopal, Zdeněk 6E
Košljakov, N. S. 1E
Ponomarenko, A. K. 1E
Rabinowitz, Philip 7P
Reiz, Anders 2R, 3P
Salzer, Herbert E. 38R
Shao, T. S. 1P
Stroud, Arthur H. 9P
Todd, John 2P, 8P
Tricomi, Francesco Giacomo 1R
Great Britain, H. M. Nautical Almanac Office 2R

2.10.2.3 Based on Zeros of Hermite Polynomials

Baburin, O. V. 1R
Bellman, Richard E. 9R
Dekanosidze, E. N. 3R
Greenwood, Robert E., Jr. 3RE
Harper, W. M. 1P
Kopal, Zdeněk 3RE
Reiz, Anders 1RE, 2R, 3P
Salzer, Herbert E. 52R
Shao, T. S. 1P
Stroud, Arthur H. 9P
Todd, John 2P
Whitney, E. L. 1P

2.10.2.4 Based on Zeros of Other Orthogonal Polynomials

Anderson, Donald G. 1P
Cooper, G. J. 2P
Galant, David 2PRM
Hammer, Preston, C. 8P
Hochstrasser, U. W. 1P
Hubbell, Lee M. 1U
Kruglikova, L. G. 1R
Newbery, A. C. R. 4P
Olson, Arne P. 1RM
Osborne, M. R. 2P
Pine, Milton R. 1P
Rothmann, Harry A. 1P
Salzer, Herbert E. 55P, 72E
Skoblja, N. S. 1R

Stancu, Dumitru D. 2P
Steen, N. M. 1P
Stroud, Arthur H. 12P

2.10.3 Modified Gaussian Quadrature (Radau, Lobatto, etc.)

Barnhill, Robert E. 1P
Butcher, John C. 3P
Cassity, C. R. 1P
Day, James Thomas 2P, 4P
Glasmacher, Werner 1R
Hammer, Preston, C. 9P
King, Richard 1P
Kopal, Zdeněk 4R
Kronrod, Aleksandr Semenovich 1R
McNamee, John 1P
Michels, H. H. 1P
Osborne, M. R. 2P
Patterson, T. N. L. 1PME, 2PM, 3P
Rabinowitz, Philip 8P, 10P
Shampine, Lawrence F. 1P
Stancu, Dumitru D. 2P
Stoller, L. C. 1P
Stroud, Arthur H. 14P
Struble, George W. 1P
Wilson, M. Wayne 2P

2.10.5 Other One Dimensional Integration Schemes

de Balbine, Guy 1P
Barnhill, Robert E. 1P, 2P, 3UM, 6P
Bergland, G. D. 2P
Boley, Bruno A. 1P
Brooks, F. E., Jr. 1R
Burgoyne, F. D. 3P
Cederbaum, Israel 1R
Chiarella, C. 1P
Curtiss, John W. 1R
Delury, Daniel 1R
Delves, L. M. 3P
Fettis, Henry E. 1P, 16P
Fosdick, Lloyd D. 1P, 2P
Goodwin, E. T. 3P
Greenwood, Robert E., Jr. 1R, 2R, 5P
Grosch, H. R. J. 1R
Haber, Seymour 4P
Hammer, Preston, C. 6P, 8P
Hastings, A. E. 1R
von Holdt, Richard Elton 1P
Holladay, John C. 1P
Hunter, D. B. 2P
Hurd, Cuthbert C. 3R
Jaeger, J. C. 5R
Jagerman, D. 1P
Jagerman, David L. 2P
Langer, Rudolph E. 3R
Laurila, E. 1R
Ledsham, F. C. 1P
Longman, Ivor M. 1P, 2P, 4P
Luke, Yudell L. 18P
Lyness, J. N. 12P
Macnee, Alan 3R
Marshall, R. W. 1R
McNamee, John 1P
Metropolis, Nicholas 9R
Meyers, Leroy F. 1R
Mirsepassi, T. 1P
Moran, P. A. P. 1P
Morton, K. W. 1P
Navot, Israel 1P
Newbery, A. C. R. 4P
Ninham, Barry W. 1P, 2P
Patterson, T. N. L. 1PME, 2PM
Reichel, A. 1P
Reiz, Anders 2R
Roman, Irwin 4P
Salzer, Herbert E. 23R, 57R, 58U, 66P
Secrest, Don H. 2P
Seiwell, H. R. 1R
Smith, Wayne E. 1P
Stetter, Franz 2P
Takeyama, Hisao 1E
Tuck, E. O. 1P
Van Laethem, Marcel 1R
VAN DE Vooren, Adriaan Isak 1P
Walther, O. A. 2E
Williams, Kenneth P. 1P
Wilson, M. Wayne 2P
Winkler, Ernst H. 1R
Wynn, Peter 4P
Centre Belge de Recherches Mathématiques 1R

2.10.6 Multidimensional Integration

Barnhill, Robert E. 1P, 4P, 5P
Bartholomew, Gerald E. 1P
Best, Gilbert C. 3P
Burgoyne, F. D. 8P
Cadwell, J. H. 4P
Davis, Philip J. 3P, 5P, 8P
Delves, L. M. 4P
Feuchter, Christopher A. 1P
Haber, Seymour 2P, 3P, 5P, 6P
Hammer, Preston, C. 4PR, 5P, 6P, 8P
Hammersley, J. M. 3R
Haselgrove, C. B. 2P
Hirsch, P. M. 1P
Konheim, Alan G. 2P
Langer, Rudolph E. 3R
Lee, Nancy 1P
Lyness, J. N. 1P, 2P, 3P, 4P, 5P, 8P
McLaren, A. D. 1P
Miller, J. C. P. 29P, 30P, 31P
Mustard, D. 1P
Peirce, William H. 1P
Rabinowitz, Philip 12P
Reichel, A. 1P
Sarma, V. L. N. 1P, 2P
Stancu, Dumitru D. 1P
Stroud, Arthur H. 3P, 5P, 7P, 9P, 12P, 14P, 16P
Szekeres, George 1P
Thacher, Henry C., Jr. 1P
Wilson, M. Wayne 2P
Great Britain, H. M. Nautical Almanac Office 13R

2.15 Numerical Differentiation

Archibald, Raymond Clare 21P
Atkinson, Cyril P. 1P
Ballester Pereyra, Concepciòn 1P, 2RUM
Bennett, Albert A. 2RE
Bickley, W. G. 1R
Burunova, N. M. 1RE
Curtiss, John W. 1R
Delves, L. M. 3P, 4P
Duris, C. S. 1P
Fehlberg, Erwin 1R
Hayashi, Keiichi 2E
Henrici, Peter 3R
Ho, Kuo-Chu 1PR
James, M. L. 1R
Kantorovič, L. V. 1R
Kuntzmann, Jean 1R, 2R
Lebedev, A. V. 1RE
Lowan, Arnold N. 2R
Lyness, J. N. 9P
Panov, D. Ju. 1R
Pflanz, Erwin 1R
Roberson, Peggy T. 1U
Salzer, Herbert E. 5R, 8U, 32R, 49R, 67P
Scott, A. H. 1R

Stancu, Dumitru D. 1P
Tadayon, J. 1R
Wynn, Peter 4P
Great Britain, H. M. Nautical Almanac Office 13R

2.20 Roots of Equations

Bard, Yonathan 1P
Beale, E. M. L. 1R
Broyden, C. G. 3P
Collatz, Lothar 2R
Derwidué, L. 1R
Descloux, Jean 1P
Greenstadt, J. L. 2P
Hansen, Eldon R. 2P
Hofsommer, D. J. 1P
Isaacson, Eugene 2R
John, Fritz 2R
Klerer, Melvin 1R
Korganoff, André 1R
Morrison, Donald R. 1P
Nashed, M. Z. 1P
Ostrowski, Alexander M. 5R
Saaty, Thomas L. 3R
Soroka, Walter W. 1R
Tikhotskiĭ, K. I. 1R
Traub, J. F. 1R
Vorob´ev, Ju. V. 1R
Wall, D. D. 3P
Wendroff, Burton 2R
Wynn, Peter 2P

2.20.1 Polynomial Equations. See Also 3. 15 and under Special Polynomial (s) Involved

Adams, Douglas P. 1R
Aitchison, John 2R
Archibald, Raymond Clare 61P, 99P
Atkinson, Cyril P. 2P
Bader, Wilhelm 1R
Bateman, Harry 1Q
Baumert, Leonard D. 2P
Bleick, Willard Evan 1P
Booth, Kathleen H. V. 1P
Boothroyd, A. R. 2R
Brockmeyer, E. 1R
Brown, B. M. 1R
Brown, S. Leroy 2R, 7R
Carle, N. A. 1R
Ciriani, T. A. 1U
Delves, L. M. 4P
Derr, John I. 1P
Dietzold, R. L. 1R
Doporto, M. 1R
Emersleben, Otto 10R
Fielder, Daniel C. 1P
Forsythe, George E. 11P
Fox, Leslie 5R
Frame, J. Sutherland 1P
Gantmaher, Feliks R. 1R
Gary, John 3P
Gautschi, Walter 4P
Glubrecht, H. 1R
Gram, Christian 1R
Henrici, Peter 3R
Herget, Paul 4R
Hoffleit, Dorrit 1P
Hovanskĭ, A. N. 2R
Hurd, Cuthbert C. 3R, 4R
Huskey, Harry D. 6R
Jarratt, P. 2P
Jeffrey, Alan 1U
Jordan, Charles 1PR
Jordan, William B. 1P
Katz, D. 1R
Krull, Wolfgang 1R
Larsen, Hans A. 1U
Lehmer, Derrick Henry 6P
Lehmer, Emma 3PR
Lloyd, Daniel B. 1R
Longman, Ivor M. 5P
Lyness, J. N. 8P
Magula, D. A. 1P
Marshall, Byron O., Jr. 1R
McAndrew, M. H. 2P
McEliece, Robert J. 1PM
Mitchell, K. 1P
Moore, Edward F. 1P
Muller, David E. 1P
Murray, Francis J. 8R
VON Neumann, Johann 7P
Nogrady, Henry A. 1R
Oppelt, Winfried 1R
Parlett, B. N. 1P
Peltier, Jean 1R
Pettit, John T. 1R
Poritsky, Hillel 1R
Rademacher, Hans A. 1R
Robinson, Raphael M. 7P
Rubinoff, Morris 2P
Rutishauser, Heinz 2R
Salzer, Herbert E. 74P, 85R
Scherberg, Max G. 1P
Schwartz, Jacob T. 1R, 2R
Shapiro, Harold S. 1P
Shumigskii, B. M. 1R
Smolyakov, P. T. 1R
Stalley, Robert D. 1P
Sterbenz, P. H. 1P
Stewart, G. W., III 1PM
Stibitz, George R. 5P, 7R
Tomović, Rajko 2R
Traub, J. F. 3P
Tweedie, M. C. K. 1P
Varah, J. M. 1P
Weber, Andrew R. 1R
Wilkinson, James Hardy 3R
Zavrotsky, Andres 1R, 3R, 4R
International Business Machines Corporation 6R
Mathematisches Labor der Technischen Hochschule Wien 1R, 2R
Massachusetts Institute of Technology 3R
National Bureau of Standards 39R, 43R
National Physics Laboratory, London 3R
University of Sidney 1R

2.20.2 Transcendental Equations. See Also 7. 30. 5. 5 and under Special Function (s) Involved

Abdel aty, S. H. 2R
Archibald, Raymond Clare 13P, 93P
Banks, Dallas O. 1P
Bateman, Harry 1Q, 6P
Bergman, Stefan 6P
Birnbaum, Z. W. 1R
Bishop, R. E. D. 1R
Boas, Ralph Philip, Jr. 2P
Broadbent, S. R. 1R
Brown, S. Leroy 4R
Carslaw, H. S. 1R
Chowdhury, S. B. 1R
Church, Robert F. 1P
Crank, J. 1R
Delves, L. M. 4P
Gross, O. A. 2P
Henrici, Peter 3R
Jarratt, P. 2P
Jordan, William B. 1P
Lehman, R. Sherman 1P, 2P
Lehmer, Derrick Henry 6P
Luke, Yudell L. 15P
Lyness, J. N. 8P
Masuyama, Motosaburô 1R
Olver, Frank W. J. 5R
Pooler, L. G. 1P
Rademacher, Hans A. 1R
Richman, P. L. 1P
Sampford, M. R. 2R
Sato, Chikara 1P
Schwartz, Jacob T. 2R
Sichel, Herbert S. 1R

Spira, Robert 7P
Stibitz, George R. 5P
Westberg, R. 1R
National Bureau of Standards Computation Laboratory 18R

2.20.3 Systems of Algebraic and Transcendental Equations

Brinkley, Stuart R., Jr. 4R
Brown, S. Leroy 3R
Broyden, C. G. 2P
Durand, Émile 1R
Gray, Harry J., Jr. 3P
Hurd, Cuthbert C. 2R
Kellogg, R. Bruce 5P
Martin, Frederick J. 1R
McEwan, W. S. 1R
Opler, Ascher 4R
Rabinowitz, Philip 12P
Rose, Arthur 1R, 2R, 3R
Shimizu, Tatsujiro 1R
Stone, Henry 1P
Urabe, Minoru 2R
National Bureau of Standards 39R

2.25 Transformation of Series and Sequences

Archibald, Raymond Clare 21P
DE Balbine, Guy 1P
Bari, N. K. 1R
Bergland, G. D. 1P
Bodewig, E. 2R
Chambers, Ll. G. 1P
Chernoff, Herman 1P
Cherry, Thomas MacFarland 1R, 2R
Cooley, James W. 2P
Courant, Richard 2R
Daniel, James W. 1P
Den, Chi Fu 1P
Emersleben, Otto 8R
Fettis, Henry E. 1P, 16P
Fielder, Daniel C. 2P
Fields, Jerry L. 3P
Garabedian, Henry L. 1R
Gel´fond, Aleksandr Osipovič 1R, 2R
Gray, H. L. 2P
Hart, John F. 1RE
Holdeman, Jonas T., Jr. 1P
Horgan, Ruth B. 1PR
Hovanskiĭ, A. N. 2R
Jolley, L. B. W. 1R, 2E
Jordan, Charles 1PR
Krylov, Vladimir Ivanovich 4R
Langel, R. 1P
Lehmer, Derrick Henry 6P, 17E
Leszczynski, Bogumil 1P
Longman, Ivor M. 4P
Lyness, J. N. 8P, 9P
Macfarlane, G. G. 2R
Mangulis, V. 1RE, 2E
McNamee, John 1P
Mechel, Fr. 1P
Melzak, Z. A. 2P
Mendelsohn, N. S. 2P
Mond, Bertram 2R
Moran, P. A. P. 1P
Navot, Israel 1P
Ninham, Barry W. 1P, 2P
Reichel, A. 1P
Riordan, John 5R
Roman, Irwin 3P
Rutishauser, Heinz 2R
Salzer, Herbert E. 7U, 8U, 37U, 42P, 56R, 62P, 64PR, 76P
Schucany, W. R. 2P
Schwatt, I. J. 1R
Shanks, Daniel 8P
Smith, Francis J. 1P
Todd, John 2P, 10P
Traub, J. F. 2P
Wheelon, Albert D. 2R
Wimp, Jet 3P, 5P
Wynn, Peter 1P, 3P, 4P, 5P
Great Britain, H. M. Nautical Almanac Office 6R
International Business Machines Corporation 6R
National Physics Laboratory, London 3R

2.30 Asymptotic Methods

Abramowitz, Milton 3P, 5R
Aggarwal, H. R. 1U
Airey, J. R. 4R
Anis, A. A. 1R
Archibald, Raymond Clare 93P
Aroian, Leo A. 1Q
Babister, A. W. 1R
Bakhvalov, H. C. 1R
Bari, N. K. 1R
Bateman, Harry 6P
Becker, H. W. 1R
Bickley, W. G. 5R, 6R
Bridge, John F. 1P
Caminer, D. T. 1R
Chambers, Ll. G. 1P
Chawla, M. M. 2P
Cherry, Thomas MacFarland 1R
Cole, Julian D. 1R
Cook, Edward M. 1R
Copson, Edward T. 1R
Curtiss, John W. 1R
Darwin, Charles G. 1R
Davis, Harold T. 7R
Dempsey, E. 1P
Doetsch, Gustav 3R, 4R
Döring, Boro 1P
Dorodnicyn, A. A. 1R
Dragonette, Leila A. 1R
Dranoff, J. S. 1P
Eckhaus, Wiktor 1R
Elliott, David L. 1P, 2P, 3P, 4P
Emersleben, Otto 3R
Erdélyi, Arthur 5Q
Fettis, Henry E. 14R
Fields, Jerry L. 2P, 3P
Fried, Burton D. 1R
Fröberg, Carl-Erik 4R
Gargantini, I. 1P
Gautschi, Walter 5P
Gerber, Henry 1P
Goldstein, M. 1P
Goldstein, Sydney 1R
Grubbs, Frank E. 5R
Hale, Jack K. 1R
Hershey, A. V. 2R
Hillman, Abraham P. 6P
Hodapp, Walter 1R
Imai, Isao 1R
Jeffreys, Harold 2R, 3R
Karsmenkov, N. 1R
Keilson, Julian 1R
Kim, Chul-Hee 1P
Kobrinskiĭ, N. E. 1R
Kruse, U. E. 1R
Langer, Rudolph E. 3R
Laslett, L. Jackson 3P
Lebedev, N. N. 1R
Lehman, R. Sherman 2P
Lehmer, Derrick Henry 2P
van de Lune, J. 1P
Lyness, J. N. 8P
Mangad, Moshe 1P
McLachlan, N. W. 2R, 3R
Medhurst, R. G. 1P
Merbt, H. 1R
Miller, J. C. P. 3P, 12R
Mond, Bertram 2R
Morse, Philip M. 5R
Murnaghan, Francis D. 2R, 3R
Navot, Israel 1P
Newman, J. N. 1P

Ninham, Barry W. 1P, 2P
Nosova, L. N. 2R
Olver, Frank W. J. 4R, 5R
Pearson, Carl E. 2P
Pooler, L. G. 1P
Rainville, Earl D. 1R
Rall, Louis B. 1R
Ritchie, R. H. 2E
Roberts, Jerry Allan 1P
Robin, Louis 2R
Rosser, J. Barkley 1R, 3R
Salzer, Herbert E. 18P, 50P, 76P
Sansone, Giovanni 1R
Scorer, R. S. 1R
Shanks, Daniel 11P
Sherry, M. E. 2R
Slater, Lucy Joan 5R, 6E
Smirnov, A. D. 1R
Spira, Robert 11PM
Stengle, Gilbert 1P
Takenaga, Roy 1P
Tate, Robert F. 1R
Thompson, Gene Thomas 1P
Todd, John 2P, 10P
Tricomi, Francesco Giacomo 2R
Uhlenbeck, G. E. 1R
Wadsworth, D. van Z. 1P, 2P
Watson, George Neville 1RE
Whittlesey, John R. B. 1P
VAN Wijngaarden, Adriaan 2R
Wilcox, Calvin H. 1R
Wilcox, W. R. 1P
Wimp, Jet 5P
Wood, Van E. 1P, 2P
Wrench, John W., Jr. 23P
Yamamoto, Koichi 1R
Centre Belge de Recherches Mathématiques 1R
National Physical Laboratory 8R

2.40 Differences, Divided Differences

Archibald, Raymond Clare 21P
Bickley, W. G. 1R
Blanch, Gertrude 7P, 8P
Brock, Paul 1P, 2P
Burunova, N. M. 1RE
Comrie, L. J. 10P
Cosens, C. R. 2P, 4Q
Delves, L. M. 3P
Fox, Leslie 2P, 5R
Frankel, E. T. 1R
Gel´fond, Aleksandr Osipovič 1R, 2R
Grosch, H. R. J. 1R
Hayashi, Kenji 1R
Henrici, Peter 3R
Herget, Paul 2P
Hildebrand, Francis B. 4R
Jordan, C. 1E
Jordan, Charles 1PR
Kantorovič, L. V. 1R
Krylov, Vladimir Ivanovich 4R
Kuntzmann, Jean 3R
Kunz, Kaiser S. 1PR
Laderman, Jack 2R
Langer, Rudolph E. 3R
Layman, J. W. 1P, 2P
Lebedev, A. V. 1RE
Lowan, Arnold N. 2R, 14Q
Miksa, Francis L. 9U, 10U
Miller, J. C. P. 4P, 24P
Ostrowski, Alexander M. 1P
Riordan, John 5R
Salzer, Herbert E. 5R, 7U, 8U, 19R, 20P, 22P
Stancu, Dumitru D. 1P
Traub, J. F. 2P
Wheeler, David J. 4P
Womersley, J. R. 1PE
Great Britain, H. M. Nautical Almanac Office 13R, 14R
National Physics Laboratory, London 3R

2.45 Inequalities

Bari, N. K. 1R
Barnes, E. S. 1R
Beale, E. M. L. 1R
Bellman, Richard E. 2R
Blanch, Gertrude 4P
Buehler, Robert J. 2R
Charnes, Abraham 1R
Chiang, Pou-shun 1P
Copsey, E. H. 1R, 2R
Fairthorne, Robert Arthur 1P
Fano, Robert M. 1R
Ficken, Frederick A. 1R
Grad, Arthur 1R
Mangad, Moshe 1P
Melzak, Z. A. 1P
Mitrinović, Dragoslav S. 10R, 16R
Mond, Bertram 2R
Pólya, George 1R
Riley, Vera 1R
Robin, Louis 2R
Robinson, Raphael M. 3U
Saaty, Thomas L. 3R
Silver, Samuel 1R
Spohn, W. G. 1P
Szegö, Gábor 2R
Taguti, Gen-iti 1R
Valentin, Richard A. 1P
Wrench, John W., Jr. 8Q

2.50 Stability of Computation, Significance Arithmetic

Abarbanel, Saul S. 1P
Anonymous 25R
Apelkrans, Mats Y. T. 1P
Archibald, Raymond Clare 6Q, 15P
Ascher, Marcia 1P
Aziz, A. K. 1P
Babuška, Ivo 1R
Ballester Pereyra, Concepciòn 1P
Bard, Yonathan 1P
Bateman, Harry 1Q, 2Q
Bellman, Richard E. 3P
Best, Gilbert C. 4P
Blanch, Gertrude 7P, 8P
Blum, Edward K. 1P
Bodewig, E. 2R
Boersma, J. 4P
Brandt, Achi 1P
Brooker, R. A. 1P
Brown, Robert R. 2P
Broyden, C. G. 3P
Buchholtz, Werner 1R
Businger, Peter A. 2P
Butcher, John C. 6P
Campbell, C. M. 1P
Campbell, Edwin S. 1P
Case, James 1P
Ceschino, Francis 1R
Chorin, Alexandre Joel 1P
Clenshaw, C. W. 3P
Comrie, L. J. 13P
Cooper, G. J. 1P
Cosens, C. R. 1Q, 2P
Curtiss, John W. 1R
Dahlquist, Germund G. 1R
Daly, Bart J. 1P

Davis, Philip J. 9R
Decell, Henry P., Jr. 1P
Derr, John I. 1P
Descloux, Jean 1P
Douglas, Jim, Jr. 1P
DuFort, E. C. 1P
Eckert, W. J. 1P
Eisen, Dennis 1P
Fairweather, Graeme 2P
Filler, L. 1P
Forsythe, George E. 10R
Fox, Leslie 2P, 7R
Gantmaher, Feliks R. 1R
Gary, John 1P
Gautschi, Walter 3P, 4P
Gear, C. W. 1P
Gourlay, A. R. 1P, 2P, 3P, 4P, 5P
Greenspan, Samuel 1R
Grosch, H. R. J. 1R
Hamming, R. W. 1R
Hansen, Eldon R. 2P
Hanson, Richard J. 1P
Hart, John F. 1RE
Hartmanis, Juris 1R
Henrici, Peter 2R, 3R, 4R
Herget, Paul 2P
Herrick, Samuel 1Q
Hildebrand, Francis B. 4R
Householder, Alston S. 1R
Hubbell, Lee M. 1U
Huskey, Harry D. 2R
Jones, J. G. 1P
Jordan, T. L. 1P
Klerer, Melvin 1R
Klopfenstein, R. W. 2P
Korganoff, André 1R
Kreiss, Heinz-Otto 1P, 2P
Krogh, Fred T. 1P
Langel, R. 1P
Larkin, Bert K. 1P
Lehmer, Derrick Henry 1Q, 2P
Lewis, H. R., Jr. 1P
Lietzke, M. H. 1P
Lowan, Arnold N. 14Q, 16R, 17P, 18P, 19P, 21P
Lubkin, Samuel 2P, 4P
Lynch, Robert E. 1P
Lyness, J. N. 9P, 12P
Lynn, M. Stuart 1P
MacMillan, D. B. 1P
Macnee, Alan 2R
Marčuk, G. I. 1R
McAndrew, M. H. 2P
Metropolis, Nicholas 9R
Miller, J. C. P. 3P, 4P, 5Q, 24P
Miranker, Willard L. 2P
Mitchell, Andrew R. 1P, 2P
Mond, Bertram 2R
Moore, Ramon E. 1R
Murphy, W. D. 1P
Murray, Francis J. 4P, 8R
Nickel, Karl L. E. 1R
Nordsieck, Arnold 1P
Olver, Frank W. J. 7P
Osborne, M. R. 1P
Osher, Stanley J. 1P
Ostrowski, Alexander M. 1P
Papoulis, Athanasios 1R
Parlett, B. N. 1P, 2P
Patterson, T. N. L. 1PME
Pearson, Carl E. 2P
Perlin, Irwin E. 1P
Peterson, W. Wesley 1R
Polachek, Harry 1P, 3P
Pope, David A. 1P
Ralston, Anthony 2P
Reid, Robert R. 1R
Rice, John R. 4P
Richtmyer, Robert D. 2R
Roberts, K. V. 1P
Saaty, Thomas L. 2R
Sadler, D. H. 6P
Salzer, Herbert E. 20P
Saul´ev, V. K. 1R
Schröder, Johann 1P
Shampine, Lawrence F. 2P
Shanks, E. Baylis 1P
Smith, Francis J. 1P
Snyder, James N. 1P
Solomon, Alan 1P
Stegun, Irene A. 1P
Sterne, Theodore Eugene 1P
Stetter, Hans J. 1P
Stewart, G. W., III 1PM
Stigler, George J. 1P
Swartz, Blair K. 2P
Tait, R. 1P
Thompson, Rory 1P
Treanor, Charles E. 1P
Tricomi, Francesco Giacomo 4R
Urabe, Minoru 1R
Varah, J. M. 3M
Walton, Thomas S. 1P
Wang, H. H. 1P
Wasow, Wolfgang R. 2P
Westlake, Joan R. 1R
White, Paul A. 1P
Widlund, Olof B. 1P
Wilkinson, James Hardy 3R, 4R
Winograd, Schmuel 1R
Yamaguti, Masaya 1P
Zondek, B. 3P
Centre Belge de Recherches Mathématiques 1R
Great Britain, H. M. Nautical Almanac Office 13R
Harvard University, Computation Laboratory 12R
National Bureau of Standards 27R
Reeves Instrument Corp. 1R

2.55 Recursive Computation

Amos, Donald E. 1P, 2P
Barron, D. W. 1R
Bateman, Harry 1Q
Boersma, J. 4P
Clenshaw, C. W. 1P, 3P, 4R
Cosens, C. R. 1Q
Dingle, R. B. 2R
Fields, Jerry L. 3P
de Finetti, Bruno 2R
Gautschi, Walter 2P, 3P
Goldstein, M. 2P
Kaye, Joseph 2R
Kendall, Maurice G. 2R
Kjellberg, Göran 1P
Langel, R. 1P
Lehmer, Derrick Henry 2P
Longman, Ivor M. 3P
Lowan, Arnold N. 14Q
Luke, Yudell L. 14P
Luk´janov, A. V. 1R
Mechel, Fr. 2P
Mitchell, Andrew R. 1P
Mond, Bertram 2R
Murray, Francis J. 4P
Olver, Frank W. J. 7P
Otis, A. B., Jr. 1P
Riordan, John 5R
Rotenberg, A. 1P
Stegun, Irene A. 1P
Tait, R. 1P
Thompson, Rory 1P
Todd, John 5P
Tricomi, Francesco Giacomo 4R
Van de Vel, H. 1P
Van Tuyl, A. H. 1P
Wilcox, W. R. 1P

Wimp, Jet 6P
Wynn, Peter 3P
Harvard University, Computation Laboratory 18R
National Physics Laboratory, London 3R

2.60 Books on Numerical Analysis and Related Topics

Acton, Forman S. 1R
Ahlberg, J. H. 1R
Arden, Bruce W. 1R
Beckett, Royce 1R
Booth, Andrew Donald 8R
Booth, Kathleen H. V. 2R
Buckingham, R. A. 2RE
Cheney, E. W. 1R
Collatz, Lothar 2R, 4R
Conte, Samuel D. 3R
Courant, Richard 2R
Crandall, Stephen H. 1R
Curtiss, John W. 1R
Davis, Philip J. 7R, 9R
Dixon, Wilfrid J. 6R
Dodes, Irving Allen 2R
Dorn, William S. 1R
Fox, Leslie 4R, 7R
Garabedian, Henry L. 1R
Gel´fond, Aleksandr Osipovič 1R
Gram, Christian 1R
Grove, Wendell E. 1R
Grubbs, Frank E. 5R
Guest, P. G. 3R
Hacker, Sidney G. 1R
Handscomb, D. C. 2R
Hart, John F. 1RE
Henrici, Peter 2R, 3R
Householder, Alston S. 2R
Isaacson, Eugene 2R
Jennings, Walter 1R
John, Fritz 2R
Jordan, C. 1E
Jordan, Charles 1PR
Kelly, Louis G. 1R
Khabaza, I. M. 2R
Kopal, Zdeněk 5E, 6E
Korganoff, André 1R
Korn, Granino A. 5R
Kovach, Ladis D. 1R
Kronrod, Aleksandr Semenovich 1R
Krylov, Vladimir Ivanovich 3R, 4R
Kuntzmann, Jean 3R
Lance, G. N. 2E
Langer, Rudolph E. 3R
Macon, Nathaniel 2R
McCormick, John M. 1R
Meinardus, Günther 2R
Milne, William Edmund 3R, 4E
Moore, Ramon E. 1R
Moursund, David G. 2R
Nachbin, Leopoldo 1R
Natanson, Isidor Pavlovič 1R
Nielsen, Kaj Leo 2R
Noble, Ben 2R
Norkin, S. B. 1R
Ostrowski, Alexander M. 5R
Panov, D. Ju. 1R
Peltier, Jean 1R
Pennington, Ralph H. 1R
Prager, William 2R
Redish, K. A. 1R
Rutishauser, Heinz 2R
Scarborough, James B. 1R, 2R
Singer, James 1R
Snyder, Martin Avery 1R
Sokolnikoff, Ivan S. 1R
Southworth, Raymond W. 1R
Stanton, Ralph G. 1R
Stiefel, Eduard L. 3R
Stumpff, Karl 1R
Thiele, T. N. 1E
Traub, J. F. 1R
Vilenkin, N. Ja. 1R
Walsh, J. 1R
Weeg, Gerard P. 2R
Wendroff, Burton 2R
Wilkes, Maurice 17R
Willers, F. A. 1R
Youden, W. W. 1R
Zurmühl, Rudolf 2R
Centre Belge de Recherches Mathématiques 1R
International Business Machines Corporation 6R
National Physics Laboratory, London 2R, 3R

3.00 Linear Algebra

Bodewig, E. 2R
Faddeev, D. K. 1R
Faddeeva, V. N. 2R
Flügge, Siegfried 1R
Franklin, Joel N. 5R
Gantmaher, Feliks R. 1R
Hildebrand, Francis B. 2R
John, Fritz 2R
Lanczos, Cornelius 1RE
Ralston, Anthony 1R, 3R
Taub, A. H. 5R
Todd, John 13R
Varga, Richard S. 2R
Voight, Susan J. 1R
Wilkinson, James Hardy 3R, 4R
Zurmühl, Rudolf 1R, 3R
National Bureau of Standards 27R, 28R

3.05 Matrices

Beckenbach, Edwin F. 1R
Butcher, John C. 6P
Cater, Frank S. 1R
Crandall, Stephen H. 1R
Dwyer, Paul S. 1R
Hildebrand, Francis B. 1R, 3R
Jeffreys, Harold 2R
Korganoff, André 2R
Lancaster, Peter 1R
MacLane, Saunders 1R
Marcus, Marvin D. 1R
Schneider, Hans-Jochen 1R
Souriau, Jean-Marie 1R
Westlake, Joan R. 1R

3.05.1 Special Matrices

Ballester Pereyra, Concepciòn 1P
Baumert, Leonard D. 1P
Bellman, Richard E. 2R
Best, Gilbert C. 2P, 4P
Bramble, James H. 2P
Charmonman, S. 1P, 2P
Cho, Choong Yun 1P
Copsey, E. H. 1R, 2R
Cuthill, Elizabeth H. 1U
Denman, Harry H. 1P
Doyle, Thomas C. 1P
Eberlein, P. J. 1P
Fairthorne, Robert Arthur 1P
Fettis, Henry E. 13P
Gautschi, Walter 4P, 5P
Gear, C. W. 2P
Harary, Frank 1P
Herbold, Robert J. 1P
Jordan, T. L. 1P
Katsura, Shigetoshi 4R
Kershaw, D. 1P
Lavoie, Jean-Louis 1P
Lehmer, Derrick Henry 40R

Lietzke, M. H. 1P
Lotkin, Mark 1P, 2U, 3R
Lowan, Arnold N. 21P
Lynch, Robert E. 1P
Meyer, H. I. 1P
Milnes, Harold Willis 1P
Nadler, M. 1R
Parlett, B. N. 1P
Petryshyn, W. V. 2P
Price, Harvey S. 1P, 2P
Salzer, Herbert E. 76P
Schechter, Samuel 1P
Schönheim, J. 1P
Siegel, Irving H. 1P
Smith, Richard B. 1U, 2P
Stakgold, Ivar 1R
White, Paul A. 1P
Wilson, Walter L., Jr. 1U
Yang, Chao-hui 2P, 3P, 4P

3.05.2 Matrix Equations and Transformation of Matrices

Alt, Franz L. 1P
Barrois, W. 1R
Best, Gilbert C. 2P, 4P
Broyden, C. G. 3P
Businger, Peter A. 2P
Charmonman, S. 1P, 2P
Dahlquist, Germund G. 2P
Dulmage, A. L. 1P
Franklin, Joel N. 2P
Fröberg, Carl-Erik 8P
Golub, Gene Howard 1P
Greenstadt, J. L. 2P
Hanson, Richard J. 1P
Healy, M. J. R. 1P
Hurd, Cuthbert C. 3R
James, Rodney 1P
Kaniel, Shmuel 1P
Laasonen, Pentti 1P
LaBudde, C. Donald 1P
Law, V. J. 1P
Lovass-Nagy, Viktor 1P
Moon, John W. 1P
Moore, Ramon E. 1R
Nikolai, Paul J. 2P
Pall, Gordon 1P
Parlett, B. N. 2P, 3P, 4P
Perry, David P. 1P
Petryshyn, W. V. 1P, 2P
Rice, John R. 4P
Robb, James C. 1R
Senechalle, Lester J. 1P
Uchiyama, Saburô 1P
Walters, Jerry A. 1P
Wang, H. H. 1P
Widlund, Olof B. 2P
International Business Machines Corporation 5R, 6R
Mathematisches Labor der Technischen Hochschule Wien 2R
National Bureau of Standards 43R

3.05.3 Norms, Inequalities, and Condition Numbers

Businger, Peter A. 1P, 2P
Collatz, Lothar 2R
Dahlquist, Germund G. 2P
Derzko, N. A. 1P
Forsythe, George E. 6P
DE LA Garza, A. 1P
Gautschi, Walter 4P
Golub, Gene Howard 1P, 2P
Hanson, Richard J. 1P
Hoffman, Alan J. 1P
Kaniel, Shmuel 1P
Korganoff, André 1R
Lees, Milton 1P, 2P
Lietzke, M. H. 1P
Lotkin, Mark 1P, 3R
Lowan, Arnold N. 17P
Ostrowski, Alexander M. 2P
Price, Harvey S. 2P
Riesel, Hans 1P
Rigler, A. K. 2P
Riley, James D. 2P
Saaty, Thomas L. 2R
Schechter, Samuel 1P
Taussky, Olga 1P, 2P
Walters, Jerry A. 1P
Widlund, Olof B. 1P, 2P

3.10 Linear Equations

Barrois, W. 1R
Beckenbach, Edwin F. 1R
Booth, Andrew Donald 8R
Couffignal, Louis 4R
Crandall, Stephen H. 1R
Curtiss, John W. 1R
Dixon, Wilfrid J. 6R
Durand, Émile 1R
Garwick, Jan V. 1P
DE LA Garza, A. 1P
Gram, Christian 1R
Grosch, H. R. J. 1R
Grubbs, Frank E. 5R
Hildebrand, Francis B. 3R
Hurd, Cuthbert C. 3R, 4R
Isaacson, Eugene 2R
Milne, William Edmund 3R
Murray, Francis J. 8R
Rall, Louis B. 1R
Renner, H. W. 1U
Saul´ev, V. K. 1R
Snyder, James N. 1P
Stibitz, George R. 7R
Stiefel, Eduard L. 2R
Wachspress, Eugene L. 2R
Walsh, J. 1R
Westlake, Joan R. 1R
International Business Machines Corporation 5R, 6R
National Physics Laboratory, London 2R, 3R

3.10.1 Direct Methods

Adcock, Willis A. 1R
Archibald, Raymond Clare 105Q
Bareiss, Erwin H. 1P
Bishop, R. E. D. 2R
Borosh, I. 1P
Broyden, C. G. 3P
Charmonman, S. 1P
Conte, Samuel D. 1P
Curtiss, John 2P
Dwyer, Paul S. 1R
Forsythe, George E. 4Q
Goldberg, Edwin A. 1R, 2R
Hardy, Arthur C. 1R
Huskey, Harry D. 3P
Jordan, T. L. 1P
Kjellberg, Göran 1P
Klerer, Melvin 1R
Laderman, Jack 3P
Maxfield, John E. 1P
Milne, William Edmund 1RE
Mitchell, Herbert F., Jr. 1P
Preisendorfer, Rudolph W. 2P
Schwartz, Jacob T. 1R
Shapiro, George 1P
Shapiro, Harold S. 1P
Verzuh, Frank M. 1P
Akad. Nauk. SSSR, Leningrad, Mat. Inst. V. A. Steklova 2R
Great Britain, Ministry of Supply 2R
Reeves Instrument Corp. 1R

3.10.2 Indirect or Iterative

Methods

Ackerman, Sumner 1R
Amitsur, Shimshon Avraham 1R
Berry, Clifford E. 1R, 2R
Broyden, C. G. 1P, 2P
Collatz, Lothar 2R
Delves, L. M. 2P
Douglas, Jim, Jr. 2P
Forsythe, George E. 5P, 6P
Gautschi, Walter 4P
Gephart, Landis 1P
Hageman, Louis A. 1P
Hansen, Eldon R. 2P
Haupt, L. M. 1R
James, M. L. 1R
Korn, Granino A. 2R
Langer, Rudolph E. 2R
Lehmer, Derrick Henry 4P, 5Q
Levine, Leon 1R
Lynch, Robert E. 1P
Lynn, M. Stuart 1P
McCool, William A. 2R
Mendelsohn, N. S. 1P
Meyer, H. A. 1R
Miller, J. C. P. 22Q
Murray, Francis J. 3R
Nashed, M. Z. 1P
Nielsen, Kaj Leo 1RE
Ostrowski, Alexander M. 2P, 4P
Petryshyn, W. V. 1P, 2P
Raymond, François-Henri 1R
Riesel, Hans 1P
Rigler, A. K. 1P
Riley, James D. 2P
Schröder, Johann 1P
Stein, Philip 1P
Stone, Jeremy J. 1P
Todd, John 10P
Vorob´ev, Ju. V. 1R
Walker, J. P., Jr. 1P
Walker, Robert M. 1R
Wallman, Henry 1R
Wynn, Peter 5P
Harvard University, Computation Laboratory 12R

3.15 Eigenvalues and Eigenvectors

Bishop, R. E. D. 2R
Bodewig, E. 1P
Bronzo, J. A. 1R
Crandall, Stephen H. 1R
Dixon, Wilfrid J. 6R
Durand, Émile 1R
Forsythe, George E. 6P
Isaacson, Eugene 2R
Kind-Schaad, G. 1R
Korganoff, André 1R
Lotkin, Mark 1P, 3R
Rall, Louis B. 1R
Saibel, Edward 1P
Schwartz, Jacob T. 1R
Stiefel, Eduard L. 2R
Todd, John 10P
Wachspress, Eugene L. 2R
Walsh, J. 1R
ASME (American Society of Mechanical Engineers) 1R
International Business Machines Corporation 6R
National Physics Laboratory, London 2R, 3R
Proceedings I. E. E., London 1R

3.15.1 Matrix Reduction Methods

Businger, Peter A. 2P
Farrington, C. C. 1P
Forsythe, George E. 11P
Fröberg, Carl-Erik 8P
Gargantini, I. 2P
Gary, John 2P, 3P
Healy, M. J. R. 1P
Hurd, Cuthbert C. 4R
LaBudde, C. Donald 2P
Law, V. J. 1P
Metropolis, Nicholas 9R
Parlett, B. N. 1P
Varah, J. M. 1P
White, Paul A. 1P

3.15.2 Indirect or Iterative Methods

Adcock, Willis A. 1R
Brenner, Jöel Lee 1P
Brown, Kenneth M. 1P
Delves, L. M. 2P
Fairthorne, Robert Arthur 1P
Gephart, Landis 1P
Golub, Gene Howard 1P, 3PM
Greenstadt, J. L. 1PR
Gregory, Robert T. 1P
Hageman, Louis A. 1P
Hansen, Eldon R. 2P
Hildebrand, Francis B. 1R
Hovanskiĭ, A. N. 2R
Hurd, Cuthbert C. 3R
James, M. L. 1R
Laasonen, Pentti 1P
Many, Abraham 1R
Markham, Thomas L. 1P
Mendelsohn, N. S. 1P, 2P
Meyer, H. A. 1R
Neustadt, Lucien W. 1P
Osborne, M. R. 1P
Parlett, B. N. 5P
Petryshyn, W. V. 1P
Raymond, François-Henri 1R
Rutishauser, Heinz 2R
Schröder, Gerhard 1R
Swartz, Blair K. 1P
Varah, J. M. 2M, 3M
Wilkinson, James Hardy 2P
Wynn, Peter 5P
Centre Belge de Recherches Mathématiques 1R
National Bureau of Standards 43R

3.20 Matrix Inversion and Pseudo-Inverses

Durand, Émile 1R
DE LA Garza, A. 1P
Korganoff, André 2R
Lotkin, Mark 1P, 3R
Meyer, H. A. 1R
Nagler, H. 1P
Saaty, Thomas L. 2R
Westlake, Joan R. 1R
International Business Machines Corporation 5R, 6R

3.20.1 Direct Methods

Ballester Pereyra, Concepciòn 1P
Bejarano, Gabriel G. 1P
Bishop, R. E. D. 2R
Charmonman, S. 1P
Doyle, Thomas C. 1P
Dulmage, A. L. 1P
Edelblute, David J. 1P
Hanson, Richard J. 1P
Kjellberg, Göran 1P
Lietzke, M. H. 1P
Lovass-Nagy, Viktor 1P
Lowan, Arnold N. 20P
Mayoh, Brian H. 1P
Meicler, Marcel 1P
Meyer, H. I. 1P
Mitchell, Herbert F., Jr. 1P
Olkin, Ingram 1R
Schwartz, Jacob T. 1R
Verzuh, Frank M. 1P
Wagner, Harvey M. 1P
Willner, Leopold B. 1P
Woodbury, Max A. 1R

3.20.2 Indirect or Iterative

Methods

Ben-Israel, Adi 1P, 2P
Dantzig, George B. 1P
Edmundson, H. P. 1P
Forsythe, George E. 1P, 3P
Hurd, Cuthbert C. 3R
Kellogg, R. Bruce 3P
Opler, Ascher 3P
Raymond, François-Henri 1R
Wasow, Wolfgang R. 1P
Wynn, Peter 5P

3.25 Linear and Nonlinear Programming, Minimax Problems

Ackoff, Russell L. 1R, 2R
Alt, Franz L. 7R, 8R
Arrow, Kenneth J. 1R, 2R
Atkin, A. O. L. 2P
Aumann, Robert J. 1P
Balakrishnan, A. V. 1R
Bard, Yonathan 1P
Bass, L. J. 1P
Beale, E. M. L. 1R
Beckenbach, Edwin F. 1R, 2R
Bellman, Richard E. 1P, 2R, 4P, 6R, 7R, 9R
Birkhoff, Garrett 2R
Broyden, C. G. 3P
Burrows, James W. 1P
Cahill, William F. 1P
Charnes, Abraham 1R, 2R
Cockayne, E. J. 1PM, 2PM
Cohn, Harvey 2P, 3R, 7P, 8P, 9P
Collatz, Lothar 3R
Curtiss, John W. 1R
Dantzig, George B. 1P
Dennis, Jack B. 1R
Dresher, Melvin 1R
Èl´sgol´c, L. È. 1R
Fairthorne, Robert Arthur 1P
Ferguson, Robert O. 1R
Ficken, Frederick A. 1R
Fisher, Donald D. 1P
Ford, L. R. Jr. 1R
Garabedian, Henry L. 1R
Gass, Saul 1R, 3R
Goldberg, Michael 2P
Gol´štein, E. G. 1R
Grace, Donald W. 1P
Gray, Gilbert R. 1R
Greenspan, Samuel 1R
Greenstadt, J. L. 2P
Gross, O. A. 2P
Herbach, Leon H. 1R
Hestenes, Magnus R. 1R
Hohn, Franz Edward 2R
Howard, Ronald A. 1R
Huskey, Harry D. 6R
Isbell, John R. 1P
Kaufmann, Arnold 1R
Kleinrock, Leonard 1R
Klerer, Melvin 1R
Langer, Rudolph E. 2R
Ledley, Robert S. 2R
Leondes, Cornelius T. 1R, 2R
Levine, Leon 1R
Meicler, Marcel 1P
Melzak, Z. A. 1P
Metropolis, Nicholas 9R
Metzger, Robert W. 1R
Mond, Bertram 2R
Moursund, David G. 1P
Nemčinov, V. S. 1R
Pontrjagin, L. S. 2R
Porsching, T. A. 1P
Radanović, L. 1R
Rice, John R. 3R
Riley, Vera 1R
Saaty, Thomas L. 1R, 3R
Simonnard, Michel A. 1R
Smythe, William R., Jr. 1R
Spohn, W. G. 1P
Steck, Richard 1P
Tucker, Albert W. 1R
Ungar, Andrew 1R
Vajda, Stefan 2R, 3R, 4R
Ventcel´, E. S. 1R
Vichnevetsky, Robert 1R
Walsh, J. 1R
Zuhovickiĭ, S. I. 1R
Armour Research Foundation 1R, 3R
Ferranti Ltd. 1R
Mathematisches Labor der Technischen Hochschule Wien 2R
National Bureau of Standards 39R
Revue Française de Traitement de l'Information 1R

3.30 Determinants

Bareiss, Erwin H. 1P
Cuthill, Elizabeth H. 1U
Dwyer, Paul S. 1R
Hurd, Cuthbert C. 3R
Jeffrey, Alan 1U
Lavoie, Jean-Louis 2P
Nikolai, Paul J. 2P
Preisendorfer, Rudolph W. 2P
Tikhotskiĭ, K. I. 1R
Yang, Chao-hui 1P, 2P, 3P, 4P

3.35 Books on Linear Algebra

Arrow, Kenneth J. 1R
Asplund, S. O. 1R
Cater, Frank S. 1R
Couffignal, Louis 4R
Davis, Philip J. 6R
Derwidué, L. 1R
Dowgird, Zygmunt 1R
Durand, Émile 1R
Dwyer, Paul S. 1R
Ferguson, Robert O. 1R
Ficken, Frederick A. 1R, 2R
Fox, Leslie 8R, 9R
Friedman, Bernard 2R
Fuller, L. E. 1R
Gel´fand, I. M. 1R
Hoffman, Kenneth 1R
Hohn, Franz Edward 1R
Isaacs, Rufus Philip 2R
Korganoff, André 2R
Korn, Granino A. 5R
Lancaster, Peter 1R
Larsson, Robert D. 1R
MacLane, Saunders 1R
Marcus, Marvin D. 1R, 2R
Margulis, B. E. 1R
Purday, H. F. P. 1R
Rubinstein, Moshe F. 1R
Schneider, Hans-Jochen 1R
Schröder, Gerhard 1R
Shubik, Martin 1R
Šilov, G. E. 1R
Smythe, William R., Jr. 1R
Souriau, Jean-Marie 1R
Stewart, Frank M. 1R
Temple, G. 2R
Westlake, Joan R. 1R
White, Paul A. 2R

4.00 Ordinary Differential Equations

Bakhvalov, H. C. 1R
Collatz, Lothar 1R

Courant, Richard 1R
Crandall, Stephen H. 1R
Flügge, Siegfried 1R
Fox, Leslie 5R, 7R
Hale, Jack K. 1R
Kantorovič, L. V. 1R
Langer, Rudolph E. 2R
Ralston, Anthony 1R
Taub, A. H. 5R
Todd, John 13R
Voight, Susan J. 1R

4.05 Initial Value Problems

Aronszajn, Nathan 1R
Ceschino, Francis 1R
Collatz, Lothar 2R
Crank, J. 1R
Cunningham, W. J. 1R
Franklin, Joel N. 3P
Hildebrand, Francis B. 4R

4.05.1 Analytic Methods

Aroian, Leo A. 1Q
Babister, A. W. 1R
Blanch, Gertrude 6P
Brown, B. M. 1R
Churchill, Ruel V. 2R
Clenshaw, C. W. 4R
Cosgriff, Robert Lien 1R
Curtiss, John W. 1R
Deutsch, Ralph 1R
Doetsch, Gustav 2R, 3R, 4R
È l´sgol´c, L. È. 1R
Erdélyi, Arthur 5Q
Fair, Wyman G. 4P
Franklin, Joel N. 5R
Gantmaher, Feliks R. 1R
Goodman, Theodore R. 1P
Greenspan, Samuel 1R
Hahn, Wolfgang, C. 1R
Hammer, C. L. 2U
Hayes, Wallace D. 1R
Hildebrand, Francis B. 1R
Horn, Jakob 1R
Iacob, Caius 1R
Jeffreys, Harold 2R, 3R
Kaplan, Wilfred 1R
Kjellberg, Göran 1P
Krasovskiĭ, N. N. 1R
Leavitt, Jay A. 1P
Lefschetz, Solomon 1R
Lehmer, Derrick Henry 2P
Lock, R. C. 1R
Luckert, H. J. 1R
Mangad, Moshe 2P
March, N. H. 1R
Mond, Bertram 2R
Morse, Philip M. 5R
Nixon, Floyd E. 1R
Nosova, L. N. 2R
Pipes, Louis A. 1R
Schwatt, I. J. 1R
Scott, E. J. 1R
Simon, W. E. 1P
Smirnov, A. D. 1R
Stakgold, Ivar 1R
Stengle, Gilbert 1P
Stratton, J. A. 2R
Tölke, Friedrich 2R
Urabe, Minoru 2R
Watson, George Neville 1RE
Wilcox, Calvin H. 1R
International Business Machines Corporation 7R
Mathematisches Labor der Technischen Hochschule Wien 2R

4.05.2 One Step Methods

Babuška, Ivo 1R
Belford, Geneva G. 1P
Berry, James G. 1U
Blum, Edward K. 1P
Butcher, John C. 2P, 4U, 6P
Churchhouse, R. F. 2R
Cooper, G. J. 1P, 2P
Day, James Thomas 2P
Fyfe, David J. 1P
Glasmacher, Werner 1R
Henrici, Peter 4R
Hull, T. E. 1P
Isaacson, Eugene 2R
John, Fritz 2R
King, Richard 1P
Kjellberg, Göran 1P
Laslett, L. Jackson 3P
Lether, F. G. 1P
Lotkin, Max 3P
Luk´janov, A. V. 1R
Luther, H. A. 1P
Mangad, Moshe 2P
Milne, William Edmund 1RE, 3R
Miranker, Willard L. 2P
Mond, Bertram 2R
Osborne, M. R. 2P
Ralston, Anthony 2P
Schwartz, Jacob T. 1R
Shampine, Lawrence F. 2P
Shanks, E. Baylis 1P
Stetter, Hans J. 1P
Treanor, Charles E. 1P
Witty, W. H. 1P
Zonneveld, J. A. 1R
Harvard University, Computation Laboratory 12R

4.05.3 Multistep Methods

Babuška, Ivo 1R
Bennett, Albert A. 2RE
Blanch, Gertrude 6P
Booth, Andrew Donald 8R
Brock, Paul 1P, 2P
Brown, Robert R. 2P
Butcher, John C. 3P, 5P, 6P
Carter, A. E. 1R
Case, James 1P
Chandrasekhar, S. 2R
Clenshaw, C. W. 1P
Cooper, G. J. 1P
Dahlquist, Germund G. 1R
Decell, Henry P., Jr. 1P
Fox, Leslie 1P, 2P
Garwick, Jan V. 1P
Gear, C. W. 1P
Gill, Stanley 1R
Hammer, Preston, C. 3P, 9P
Hartree, Douglas 10R
Henrici, Peter 2R, 3R, 4R
Herget, Paul 3R
Herrick, Samuel 4P
Hildebrand, Francis B. 1R
Isaacson, Eugene 2R
John, Fritz 2R
Klerer, Melvin 1R
Klopfenstein, R. W. 2P
Kopal, Zdeněk 2R
Krogh, Fred T. 1P
Lewis, H. R., Jr. 1P
Marčuk, G. I. 1R
Metropolis, Nicholas 9R
Milne, William Edmund 1RE, 3R
Miranker, Willard L. 2P
Mishra, B. N. 1R
Mitchell, Andrew R. 1P
Moore, Ramon E. 1R
Murphy, W. D. 1P
Murray, Francis J. 4P
Newbery, A. C. R. 1P, 3P
Nordsieck, Arnold 1P
Papoulis, Athanasios 1R
Pasta, John R. 1P
Petschacher, Martha 1R
Polachek, Harry 3P
Rall, Louis B. 1R
Riley, James D. 4P
Rubenstein, R. A. 1P

Salzer, Herbert E. 15R, 47R, 79P
Schütte, Karl 1R
Schwartz, Jacob T. 1R
Scorer, R. S. 1R
Shampine, Lawrence F. 2P
Sheldon, John W. 2P
Southard, T. H. 1P
Sterne, Theodore Eugene 1P
Stetter, Hans J. 1P
Stibitz, George R. 7R
Stoller, L. C. 1P
Taylor, Geoffrey Ingram 1R
Thomas, Tracy Y. 1R
Todd, John 5P, 8P, 10P
Treanor, Charles E. 1P
Wall, D. D. 2P
Walsh, J. 1R
Walton, Thomas S. 1P
Wendroff, Burton 2R
Wilf, Herbert S. 1P, 2P
Willers, F. A. 1R
Witty, W. H. 1P
Womersley, J. R. 1PE
Wynn, Peter 5P
Zondek, B. 3P
Ballistic Research Laboratories 5R
Centre Belge de Recherches Mathématiques 1R
Great Britain, H. M. Nautical Almanac Office 8R, 9R, 13R
International Business Machines Corporation 6R, 7R
Massachusetts Institute of Technology 1R, 2R
National Physics Laboratory, London 2R, 3R
Proceedings I. E. E., London 1R

4.05.9 Other Methods

Anonymous 42R
Arthurs, A. M. 1P
Babuška, Ivo 1R
Bauer, L. 1R
Bayly, J. G. 1R
Bellman, Richard E. 5P, 8R
Bisplinghoff, Raymond L. 1R
Bruk, I. S. 2R
Bueckner, Hans F. 1R
Burgoyne, F. D. 1P
Campbell, Edwin S. 1P
Cooper, G. J. 2P
Copson, Edward T. 1R
Cosgriff, Robert Lien 1R
Fair, Wyman G. 1P, 3P
Fields, Jerry L. 2P
Fox, Leslie 1P
Garwin, R. L. 1R
Greenspan, Samuel 1R
Grosch, H. R. J. 1R
Hahn, Wolfgang, C. 1R
Halanay, Aristide 1R
Hartley, G. M. 1R
Hartman, Philip 1R
Hartree, Douglas 10R
Hovanskiĭ, A. N. 2R
Hurd, Cuthbert C. 2R, 3R, 4R
Isaacs, Rufus Philip 2R
James, M. L. 1R
Kelisky, Richard P. 1P
Korn, Granino A. 3P
Krasovskiĭ, N. N. 1R
Lakatos, E. 2R
Lambert, John D. 1P, 2P
Lanczos, Cornelius 1RE
Levine, Leon 1R
Ludeke, Carl A. 1R, 2R
MacKay, D. M. 2R
Macnee, Alan 1R
Maginniss, F. J. 1R
Mankopf, Jurgen Richard 1R
Marčuk, G. I. 1R
McCann, G. D. 2R
Michel, J. G. L. 2P
Morse, Philip M. 5R
Murray, Francis J. 8R
Pontrjagin, L. S. 2R
Poritsky, Hillel 1R
Raymond, François-Henri 1R
Saaty, Thomas L. 5R
Snyder, Martin Avery 1R
Soroka, Walter W. 1R
Todd, John 5P
Urabe, Minoru 2R
Vichnevetsky, Robert 1R
Walther, Alvin 1R
Williams, Kenneth P. 1P
Zubov, V. I. 1R
Reeves Instrument Corp. 1R

4.10 Linear Boundary Value and Eigenvalue Problems

4.10.1 Analytic Methods

Arscott, F. M. 1R
Bell, R. P. 1R
Bickley, W. G. 2P
Blanch, Gertrude 2R
Bouwkamp, Christoffel Jacob 1R, 2R
Doetsch, Gustav 3R
Durant, N. J. 1R
Farrington, C. C. 1P
Godart, M. 1P
Hay, H. G. 1R
Iacob, Caius 1R
Laasonen, Pentti 2P
Lubkin, Samuel 1E
McLachlan, N. W. 2R, 3R
Miller, Willard, Jr. 2R
Morse, Philip M. 5R
Temple, G. 1R
Great Britain, Admiralty Computing Service 5R
Mathematisches Labor der Technischen Hochschule Wien 2R
National Defense Research Committee 4R
New York Mathematical Tables Project 36RE

4.10.2 Initial Value (Trial and Error or Shooting) Methods

Babuška, Ivo 1R
Ballester Pereyra, Concepciòn 1P
Banks, Dallas O. 1P
Cooley, James W. 1P
Dranoff, J. S. 1P
Henrici, Peter 4R
Hildebrand, Francis B. 1R
Holberton, John V. 1P
Isaacson, Eugene 2R
Meriam, J. L. 1P
Mitchell, Andrew R. 2P
Osborne, M. R. 1P
Pope, David A. 1P
Skillman, Sherwood 1P

4.10.3 Finite Difference (Nonshooting) Methods

Carasso, Alfred 1P
Froese, Charlotte 1P
Gary, John 3P
Henrici, Peter 4R
Isaacson, Eugene 2R
Lynn, M. Stuart 1P
Mitchell, Andrew R. 2P
Osborne, M. R. 1P
Pope, David A. 1P
Wynn, Peter 5P

4.10.9 Other Methods

Bellman, Richard E. 8R
Clippinger, R. F. 1P
Froese, Charlotte 1P

Godart, M. 1P
Goodman, Theodore R. 2P
Hansen, Arthur G. 2R
Hartman, Philip 1R
Hartree, Douglas 10R
Jones, C. W. 3R
Laasonen, Pentti 2P
Lanczos, Cornelius 1RE
Leondes, Cornelius T. 2R
Morse, Philip M. 5R
Olunloyo, V. O. S. 1P
Rose, Milton E. 3P
Skillman, Sherwood 1P
Stuckey, M. M. 1R
Tamir, T. 1P
Tomović, Rajko 2R
Vorob´ev, Ju. V. 1R
Wendroff, Burton 1P
4-Eme Congrès de Calcul et de Traitement de l 'Information 1R

4.15 Nonlinear Boundary Value and Eigenvalue Problems

Cunningham, W. J. 1R
Greenspan, Samuel 1R

4.15.1 Analytic Methods

Blanch, Gertrude 10R
Cosgriff, Robert Lien 1R
Doetsch, Gustav 4R
Goodman, Theodore R. 1P
Görtler, Henry 1R
Iacob, Caius 1R
Leavitt, Jay A. 1P
Watson, George Neville 1RE
Mathematisches Labor der Technischen Hochschule Wien 2R
National Bureau of Standards 39R

4.15.2 Initial Value (Trial and Error or Shooting) Methods

Holberton, John V. 1P
Leondes, Cornelius T. 3R, 4R
Pope, David A. 1P
Warner, F. J. 1P
Worsley, Beatrice H. 1PR

4.15.3 Finite Difference (Nonshooting) Methods

Chambers, R. L. 1U
Leondes, Cornelius T. 3R, 4R
Pope, David A. 1P
Ulrich, A. 1R

4.15.9 Other Methods

Bellman, Richard E. 8R
Cosgriff, Robert Lien 1R
Dickey, R. W. 1P
Hartman, Philip 1R
Howarth, L. 2R
Mankopf, Jurgen Richard 1R
Saaty, Thomas L. 3R
Mathematisches Labor der Technischen Hochschule Wien 1R
Reeves Instrument Corp. 1R

4.20 Books on Ordinary Differential Equations

Arscott, F. M. 2R
Babuška, Ivo 1R
Bellman, Richard E. 8R
Bennett, Albert A. 2RE
Brand, Louis 1R
Ceschino, Francis 1R
Friedman, Bernard 2R
Glasmacher, Werner 1R
Greenspan, Samuel 1R
Hahn, Wolfgang, C. 1R
Halanay, Aristide 1R
Hansen, Arthur G. 2R
Hartman, Philip 1R
Henrici, Peter 2R, 4R
Horn, Jakob 1R
Korn, Granino A. 5R
Krasovskiĭ, N. N. 1R
Lefschetz, Solomon 1R
Morris, Max 1R
Morse, Philip M. 5R
Petrovskiĭ, I. G. 1R
Pontrjagin, L. S. 1R
Sagan, Hans 1R
Sansone, Giovanni 1R
Urabe, Minoru 2R
Wilcox, Calvin H. 1R
Zubov, V. I. 1R

5.00 Partial Differential Equations

Aronszajn, Nathan 1R
Collatz, Lothar 1R
Courant, Richard 1R
Crandall, Stephen H. 1R
Flügge, Siegfried 1R
Fox, Leslie 7R
Gram, Christian 1R
Hale, Jack K. 1R
Kantorovič, L. V. 1R
Langer, Rudolph E. 2R
Ralston, Anthony 1R
Taub, A. H. 5R
Todd, John 13R
Voight, Susan J. 1R

5.05 Initial Value and Mixed Initial-Boundary Value Problems

Beckenbach, Edwin F. 1R
Crank, J. 1R
Hildebrand, Francis B. 4R
John, Fritz 2R
Richtmyer, Robert D. 2R

5.05.1 Analytic Methods

Babister, A. W. 1R
Campbell, C. M. 1P
Churchill, Ruel V. 2R, 3R
Deutsch, Ralph 1R
Doetsch, Gustav 2R, 3R, 4R
Eckhaus, Wiktor 1R
El´sgol´c, L. E. 1R
Friedman, Avner 1R
Garabedian, Paul R. 1P
Ginsberg, F. 1P
Grubbs, Frank E. 5R
Hildebrand, Francis B. 1R
Holberton, John V. 1P
Jeffreys, Harold 2R
Kaplan, Wilfred 1R
Kim, Chul-Hee 1P
Leavitt, Jay A. 1P
Lehnickiĭ, S. G. 1R
Morse, Philip M. 5R
Pipes, Louis A. 1R
Robin, Louis 2R, 3R
Saaty, Thomas L. 2R
Scott, E. J. 1R
Stokes, J. J. 2R
Swartz, Blair K. 2P
Thorne, Charles J. 1R
Weinberg, Louis 1R
Akad. Nauk. SSSR, Leningrad, Mat. Inst. V. A. Steklova 2R
National Bureau of Standards 39R

5.05.2 Explicit Difference Methods

Abarbanel, Saul S. 1P
Alt, Franz L. 7R, 8R
Ascher, Marcia 1P
Babuška, Ivo 1R
Bennett, Albert A. 2RE
Booth, Andrew Donald 8R
Curtiss, John W. 1R

Daly, Bart J. 1P
Douglas, Jim, Jr. 1P
DuFort, E. C. 1P
Eisen, Dennis 1P
Filler, L. 1P
Forsythe, George E. 10R
Gary, John 1P
Gourlay, A. R. 1P, 3P, 4P, 5P
Greenspan, Samuel 1R
Hanson, D. 1R
Hicks, Bruce L. 1P
Isaacson, Eugene 2R
Klerer, Melvin 1R
Kreiss, Heinz-Otto 1P, 2P
Langer, Rudolph E. 3R
Larkin, Bert K. 1P
Lowan, Arnold N. 16R, 17P, 18P, 21P
Marčuk, G. I. 1R
Milne, William Edmund 3R
Mitchell, Andrew R. 5P
Osher, Stanley J. 1P, 2P
Pasta, John R. 1P
Pearce, R. P. 1P
Pearson, Carl E. 1P, 2P
Polachek, Harry 1P, 3P
Položiĭ, G. M. 1R
Richardson, Lewis F. 1R
Rose, Milton E. 2P
Saul´ev, V. K. 1R
Stibitz, George R. 7R
Varga, Richard S. 2R
Wendroff, Burton 2R
Widlund, Olof B. 1P
Womersley, J. R. 1PE
Yamaguti, Masaya 1P
Centre Belge de Recherches Mathématiques 1R
Harvard University, Computation Laboratory 12R
International Business Machines Corporation 6R
National Physics Laboratory, London 2R, 3R

5.05.3 Implicit Difference Methods, Iterative Schemes

Abarbanel, Saul S. 1P
Alt, Franz L. 7R, 8R
Apelkrans, Mats Y. T. 1P
Ascher, Marcia 1P
Babuška, Ivo 1R
Batten, George W., Jr. 1P
Blair, Alexander 1P
Booth, Andrew Donald 8R
Campbell, C. M. 1P
Chorin, Alexandre Joel 1P, 2P
Curtiss, John W. 1R
DuFort, E. C. 1P
Fairweather, Graeme 2P
Filler, L. 1P
Forsythe, George E. 10R
Frankel, Stanley P. 1P
Garabedian, Paul R. 1P
Gary, John 1P
Gordon, Paul 1P
Gourlay, A. R. 1P, 2P, 3P, 4P
Hubbard, Bert E. 3P
Isaacson, Eugene 2R
Jamet, Pierre 2P
Katsanis, Theodore 1P
Kreiss, Heinz-Otto 1P
Langer, Rudolph E. 3R
Larkin, Bert K. 1P
Lees, Milton 2P
Lowan, Arnold N. 17P, 18P, 19P, 20P
Marčuk, G. I. 1R
Milne, William Edmund 3R
Mitchell, Andrew R. 5P
Pasta, John R. 1P
Pearce, R. P. 1P
Pearson, Carl E. 1P
Petterssen, Sverre 1R
Philip, John R. 1R
Ralston, Anthony 3R
Richardson, Lewis F. 1R
Riley, James D. 1P
Rose, Milton E. 2P
Sangren, Ward C. 1R
Saul´ev, V. K. 1R
Spangeberg, K. 1R
Swartz, Blair K. 2P
Varga, Richard S. 2R
Vorob´ev, Ju. V. 1R
Walsh, J. 1R
Wasow, Wolfgang R. 2P
Wendroff, Burton 2R
Widlund, Olof B. 2P
Harvard University, Computation Laboratory 12R
National Physics Laboratory, London 2R, 3R

5.05.9 Other Approximation Methods

Bellman, Richard E. 1P
Bergman, Stefan 2R
Chorin, Alexandre Joel 1P
Clippinger, R. F. 2P
Hartree, Douglas 3R
Howe, Robert M. 1R
Hurd, Cuthbert C. 2R
Huskey, Harry D. 6R
Isaacs, Rufus Philip 2R
Jaeger, J. C. 6R
Karplus, Walter J. 1R
Kibel´, I. A. 1R
Levin, Joseph H. 1P
Lotkin, Max 1P
MacKay, D. M. 2R
Maginniss, F. J. 1R
Marčuk, G. I. 1R
McCann, G. D. 2R
Mickelsen, J. K. 1R
Morse, Philip M. 5R
Poritsky, Hillel 1R
Rose, Milton E. 3P
Saaty, Thomas L. 4R
Salzer, Herbert E. 15R
Schwartz, Jacob T. 2R
Soroka, Walter W. 1R
Stokes, J. J. 2R
Tomović, Rajko 2R
Vichnevetsky, Robert 1R
Womersley, J. R. 1PE
Zubov, V. I. 1R
National Physics Laboratory, London 2R, 3R
Reeves Instrument Corp. 1R

5.10 Boundary Value Problems

Alder, Berni J. 1R
Beckenbach, Edwin F. 1R
Birkhoff, Garrett 2R
Collatz, Lothar 2R
Crank, J. 1R
John, Fritz 2R
Sheldon, John W. 3P

5.10.1 Analytic Methods

Babister, A. W. 1R
Bergman, Stefan 1R, 3P, 4R
Bickley, W. G. 3P
Blanch, Gertrude 10R
Brinkley, Stuart R., Jr. 3U
Churchill, Ruel V. 3R
Curtiss, John W. 1R
Doetsch, Gustav 3R, 4R
Forsythe, George E. 2R
Friedman, Avner 1R
Hildebrand, Francis B. 1R
Hochstrasser, U. W. 1P
Jeffreys, Harold 2R
Kammler, David W. 1P

Lehnickiĭ, S. G. 1R
Mitchell, Andrew R. 3P
Mond, Bertram 2R
Morgan, Samuel P. 1R
Morse, Philip M. 5R
Nielsen, Jack N. 1R
Noble, Norman 1R
Oberhettinger, Fritz 8R
Opler, Ascher 6R
VAN DER Pol, Balth 3R
Smith, Robert W., Jr. 3R
Sobolev, S. L. 1R
Solomon, Alan 1P, 2P
Stakgold, Ivar 1R
Sternberg, H. M. 1P
Temple, G. 1R
Todd, John 2P
Watson, George Neville 1RE
Weinberg, Louis 1R
Wigley, Neil M. 1P
Great Britain, H. M. Nautical Almanac Office 10R
National Bureau of Standards 39R

5.10.2 Finite Difference Methods, Iterative Schemes

Aziz, A. K. 1P
Babuška, Ivo 1R
Bramble, James H. 1P, 2P, 3P
Brandt, Achi 1P
Bruk, I. S. 1R
Chen, T. Y. 1R
Concus, Paul 3P
Conte, Samuel D. 1P
Dorr, Fred W. 1P
Epstein, Bernard 1P
Forsythe, George E. 10R
Frankel, Stanley P. 1P
Gary, John 4P
Greenspan, Donald 1P
Greenspan, Samuel 1R
Habetler, George J. 1P
Herbach, Leon H. 1R
Isaacson, Eugene 2R
Jamet, Pierre 1P
Katsanis, Theodore 1P
Kellogg, R. Bruce 2P, 5P
Lees, Milton 1P
Lotkin, Max 1P
Lowan, Arnold N. 16R
Lynch, Robert E. 1P
Mangad, Moshe 1P
Marčuk, G. I. 1R
Metropolis, Nicholas 9R
Milne, William Edmund 3R
Mitchell, Andrew R. 3P
Mond, Bertram 2R
Moskovitz, David 1R
Nielsen, Jack N. 1R
Panov, D. Ju. 1R
Pearce, R. M. 1R
Položiĭ, G. M. 1R
Price, Harvey S. 1P, 2P
Rigler, A. K. 1P
von Rosenberg, Dale U. 1P
Schröder, Johann 1P
Shapiro, Harold S. 1P
Sheldon, John W. 1P
Simpson, R. Bruce 1P
Snyder, Frances E. 1P
Solomon, Alan 1P
Thuraisamy, V. 1P, 2P
Varga, Richard S. 2R
Viswanathan, R. V. 1P
Vorob´ev, Ju. V. 1R
Wachspress, Eugene L. 2R
Wigley, Neil M. 1P
Wilson, Walter L., Jr. 1U, 2U
Wynn, Peter 5P
Akad. Nauk. SSSR, Leningrad, Mat. Inst. V. A. Steklova 2R
Great Britain, H. M. Nautical Almanac Office 10R
Harvard University, Computation Laboratory 12R
International Business Machines Corporation 6R
National Physics Laboratory, London 2R, 3R

5.10.9 Other Approximation Methods

Akušskiĭ, Ju. A. 1R, 2R, 3R
Bellman, Richard E. 8R
Bergman, Stefan 6P
Bronzo, J. A. 1R
Collatz, Lothar 3R
Daniel, James W. 2P
Day, James Thomas 1P
Etkin, Bernard 1R
Greenspan, Samuel 1R
Hansen, Arthur G. 2R
Karplus, Walter J. 1R
Kibel´, I. A. 1R
Liebman, G. 1R
Marčuk, G. I. 1R
McCann, G. D. 3R
Mond, Bertram 2R
Morse, Philip M. 5R
DePackh, D. C. 1R
Richman, P. L. 1P
Rose, Milton E. 3P
Swenson, George W., Jr. 2R
Synge, John L. 1R
Volynskiĭ, B. A. 1R
Vorob´ev, Ju. V. 1R
Aeronautical Research Council 1R
Ballistic Research Laboratories 4U
National Physics Laboratory, London 2R, 3R
4-Eme Congrès de Calcul et de Traitement de l'Information 1R

5.15 Eigenvalue Problems

Beckenbach, Edwin F. 1R

5.15.1 Analytic Methods

Churchill, Ruel V. 3R
Doetsch, Gustav 3R, 4R
Eckhaus, Wiktor 1R
Lehnickiĭ, S. G. 1R
Mond, Bertram 2R
Morse, Philip M. 5R

5.15.2 Finite Difference Methods, Iterative Schemes

Forsythe, George E. 10R
Lowan, Arnold N. 16R
Milne, William Edmund 3R
Panov, D. Ju. 1R
Swartz, Blair K. 1P
Varga, Richard S. 2R
Vorob´ev, Ju. V. 1R
Harvard University, Computation Laboratory 12R
International Business Machines Corporation 6R

5.15.9 Other Approximation Methods

Hurd, Cuthbert C. 2R
Karplus, Walter J. 1R
Morse, Philip M. 5R
Swartz, Blair K. 1P
Swenson, George W., Jr. 1R, 2R

5.20 Books on Partial Differential Equations

Eckhaus, Wiktor 1R
Forsythe, George E. 10R
Friedman, Avner 1R
Friedman, Bernard 2R
Greenspan, Samuel 1R

Hansen, Arthur G. 2R
Korn, Granino A. 5R
Langer, Rudolph E. 5R
Morris, Max 1R
Morse, Philip M. 5R
Noble, Norman 1R
Panov, D. Ju. 1R
Položíĭ, G. M. 1R
Richtmyer, Robert D. 2R
Sagan, Hans 1R
Saul´ev, V. K. 1R
Stakgold, Ivar 1R
Wachspress, Eugene L. 2R
Zubov, V. I. 1R

6.00 Other Functional Equations

Courant, Richard 1R
Flügge, Siegfried 1R
Hale, Jack K. 1R
Voight, Susan J. 1R

6.05 Difference Equations

Abarbanel, Saul S. 1P
Alt, Franz L. 8R
Brand, Louis 1R
Brandt, Achi 1P
Brown, B. M. 1R
Carasso, Alfred 1P
Chak, A. M. 1P
Cypkin, Ja. Z. 1R
Doetsch, Gustav 2R, 3R, 4R
DuFort, E. C. 1P
Emersleben, Otto 12R
Fix, Evelyn 2R
Fox, Leslie 2P
Frankel, Stanley P. 1P
Gary, John 3P
Gautschi, Walter 2P
Gel´fond, Aleksandr Osipovič 1R, 2R
Goldstein, Sydney 1R
Greenspan, Samuel 1R
Hart, John F. 1RE
Henrici, Peter 2R, 3R
Hildebrand, Francis B. 2R, 4R
Hovanskĭ, A. N. 2R
Hurd, Cuthbert C. 2R
Jordan, Charles 1PR
Kellogg, R. Bruce 3P
Kreiss, Heinz-Otto 1P
Lowan, Arnold N. 16R, 17P, 18P, 21P
Lynch, Robert E. 1P
Mangad, Moshe 1P
Meyer, H. A. 1R
Mitchell, Andrew R. 1P
Mond, Bertram 2R
Olver, Frank W. J. 7P
Osborne, M. R. 2P
Pearson, Carl E. 1P, 2P
Položíĭ, G. M. 1R
Rainville, Earl D. 1R
Richtmyer, Robert D. 2R
Rigler, A. K. 1P
Riordan, John 5R
Simpson, R. Bruce 1P
Snyder, Martin Avery 1R
Spitz, J. C. 1R
Tiller, F. M. 1R
Traub, J. F. 2P
Uhler, Horace Scudder 6P
Widlund, Olof B. 1P
Wimp, Jet 6P

6.10 Difference-Differential Equations

Bakhvalov, H. C. 1R
Bellman, Richard E. 3P
Bronzo, J. A. 1R
Chak, A. M. 1P
Howe, Robert M. 1R
Krasovskiĭ, N. N. 1R
van de Lune, J. 1P
Sauer, Robert 2R

6.15 Integral Equations

Arbenz, Kurt 1R
Bakhvalov, H. C. 1R
Bateman, Harry 11R
Bauer, L. 1R
Bellman, Richard E. 9R
Booth, Andrew Donald 8R
Bouwkamp, Christoffel Jacob 6R
Chandrasekhar, S. 3R, 4R, 5R
Collatz, Lothar 1R
Curtiss, John W. 1R
Day, James Thomas 4P
Dickey, R. W. 1P
Doetsch, Gustav 2R, 3R
Fettis, Henry E. 3P
Fletcher, Alan 9RE
Fox, Leslie 7R
Gautschi, Walter 5P
Good, Irving John 2P
Griffith, B. A. 1P
Grubbs, Frank E. 5R
Hildebrand, Francis B. 2R, 3R
Hurd, Cuthbert C. 2R
Jones, J. G. 1P
Kammler, David W. 1P
Kantorovič, L. V. 1R
Katsanis, Theodore 1P
Korn, Granino A. 5R
Langer, Rudolph E. 2R
Leszczynski, Bogumił 1P
Linz, Peter 1P
Luke, Yudell L. 13RE
van de Lune, J. 1P
MacKay, D. M. 2R
Meyer, H. A. 1R
Michel, J. G. L. 2P
Moore, Ramon E. 1R
Morse, Philip M. 5R
Noble, Norman 1R
Oberhettinger, Fritz 8R
Petryshyn, W. V. 1P
Rabinowitz, Philip 12P
Reiz, Anders 1RE, 3P
Robinson, Stephen M. 1P
Salzer, Herbert E. 50P
Schwartz, Jacob T. 1R
Scraton, R. E. 1P
Solomon, Alan 1P
Stakgold, Ivar 1R
Stroud, Arthur H. 15R
Taub, A. H. 5R
Tea, Peter L. 1R, 2R
Todd, John 2P, 13R
Tölke, Friedrich 2R
Tomović, Rajko 2R
Voigt, Robert G. 1P
Vorob´ev, Ju. V. 1R
Wallman, Henry 1R
Wynn, Peter 5P
4-Eme Congrès de Calcul et de Traitement de l'Information 1R
University of Calif., Dept. of Meteorology 1R

6.20 Integro-differential Equations

MacKay, D. M. 2R
McCool, William A. 3R
Pasta, John R. 1P
Pennell, M. M. 1P
Schwartz, Jacob T. 1R

6.25 Convolution Equations

Bellman, Richard E. 5P
Fettis, Henry E. 3P

6.30 Variational Equations

Balakrishnan, A. V. 1R
Beckenbach, Edwin F. 1R

Becker, Martin 1R
Bellman, Richard E. 1P
Bennett, Albert A. 2RE
Best, Gilbert C. 1P
Ceschino, Francis 1R
Collatz, Lothar 1R
Concus, Paul 3P
Daniel, James W. 2P
Delves, L. M. 2P
DiMaggio, Frank L. 1R
È l´sgol´c, L. È. 1R
Farrington, C. C. 1P
Grace, Donald W. 1P
Greenspan, Samuel 1R
Grubbs, Frank E. 5R
Hartree, Douglas 10R
Hestenes, Magnus R. 1R
Hildebrand, Francis B. 2R, 3R
Jeffreys, Harold 2R
Kantorovič, L. V. 1R
Langer, Rudolph E. 2R
Melzak, Z. A. 1P
Moiseiwitsch, B. L. 1R
Morse, Philip M. 5R
Nashed, M. Z. 1P
Olunloyo, V. O. S. 1P
Podolsky, Boris 1P
Pontrjagin, L. S. 2R
Rigler, A. K. 1P
Riley, James D. 4P
Rose, Milton E. 3P
Sagan, Hans 1R
Sobolev, S. L. 1R
Solomon, Alan 2P
Stakgold, Ivar 1R
Swartz, Blair K. 1P
Synge, John L. 1R
Taub, A. H. 5R
Temple, G. 1R
Vorob´ev, Ju. V. 1R
Wachspress, Eugene L. 2R
Wendroff, Burton 1P
Centre Belge de Recherches Mathématiques 1R
International Business Machines Corporation 7R
4-Eme Congrès de Calcul et de Traitement de l'Information 1R

6.35 Abstract Operator Equations

Daniel, James W. 2P
Delves, L. M. 2P
Friedman, Bernard 2R
Kellogg, R. Bruce 5P
Kobrinskiĭ, N. E. 1R
Miller, John J. H. 1P
Mond, Bertram 2R
Nashed, M. Z. 1P
Petryshyn, W. V. 1P
Seth, B. R. 1R
Taub, A. H. 5R
Vorob´ev, Ju. V. 1R
Centre Belge de Recherches Mathématiques 1R
National Bureau of Standards 27R, 28R

7.00 Special Functions

Abramowitz, Milton 11RE
Burunova, N. M. 1RE
Davis, Harold T. 4R
Emde, Fritz 4R, 6R, 7R
Erdélyi, Arthur 7R, 9R
Fletcher, Alan 8RE, 9RE
Flügge, Siegfried 1R
Gauss, Carl Friedrich 4R
Gradšteĭn, I. S. 2RE
Greenwood, J. A. 1R
Jahnke, Eugene 1R, 2RE, 4RE
Joffe, Solomon Achillovich 2E
Lebedev, A. V. 1RE
Magnus, Wilhelm 1R, 2R, 3R, 9R
Morse, Philip M. 5R
Oberhettinger, Fritz 7R
Rainville, Earl D. 1R
Ryžik, I. M. 1R, 2RE
Sauer, Robert 2R
Schütte, Karl 1R, 2R
Walther, Alvin 2R

7.05 Mathematical Constants

Archibald, Raymond Clare 13P, 21P, 51P, 56P, 60P, 93P, 104P
Attwood, C. 1R, 5R
Balandrano, Héctor 1R
Boas, Ralph Philip, Jr. 2P
Brandenburg, Hermann 3E
Burgess, James 1RE
Cambi, Enzo 2U
Cazzola, Emilio 1R
Chambers, Ll. G. 1P
Church, Robert F. 1P
Coustal, René 1R
Davis, Harold T. 7R
Elznic, Václav 3R
Emersleben, Otto 8R
Ferguson, D. F. 1P
Fletcher, Alan 5P
Gauss, Carl Friedrich 1E
Glover, J. W. 2E
Gruenberger, F. J. 3P
Hart, John F. 1RE
Ives, Howard Chapman 1R
Jones, M. F. 6U
Kasner, Edward 1P
Knuth, Donald E. 1P
Lal, Mohan 6UM, 8U, 9U, 17U
Lambert, J. H. 1R
Lehmer, Derrick Henry 1Q, 16P, 17E
Lewin, L. 1R
Ling, Chih-bing 5P, 11U
Luke, Yudell L. 15P
Mansell, W. E. 1R
Metropolis, Nicholas 1P
Miller, J. C. P. 15Q
Millington, G. 1P
Mitchell, W. C. 2P
Nicholson, S. C. 1P, 2R
Owen, Donald B. 7E
Page, M. K. 1U
Pathria, R. K. 1P
Pedersen, Peder 1R, 2R, 3R
Potin, L. 1E
Reitwiesner, George W. 1P, 2U
Rosser, J. Barkley 6R
Salzer, Herbert E. 76P
Selby, Samuel M. 3E
Shanks, Daniel 1P, 7P, 8P, 11P, 12P, 15P, 21U
Sheppard, William Fleetwood 1R
Smith, L. B. 1U
Spira, Robert 9P
Stigler, George J. 1P
Sweeney, Dura W. 2P
Syret, H. E. 1U
Takashi, Koki 1U
Taub, A. H. 5R
Tölke, Friedrich 3R
Uhler, H. S. 2R, 3R, 4R, 8R
Uhler, Horace Scudder 6P, 8R, 9R, 10R
Vogel, Werner M. 1R
VAN DE Vooren, Adriaan Isak 1P
Wood, Van E. 4P
Wrench, John W., Jr. 3U, 6U, 10P, 11U, 12U, 13P, 16P, 18P, 21P
British Association for the Advancement of Science,

Mathematical Tables Centre 5RE, 9R
National Bureau of Standards 7E, 10E, 23R
National Bureau of Standards Math Tables Project 1R
New York Mathematical Tables Project 4RE, 21U

7.06 Special Polynomials (Nonorthogonal) and Numbers–Bernoulli, Euler, Stirling, etc.

Andrew, A. M. 1R
Beard, R. E. 2R
Bell, Alan 1R
Blanch, Gertrude 3R, 4P
Burch, Richard T. 1U
Butcher, John C. 1P
Carlitz, Leonard 1P
Chak, A. M. 1P
Courant, Richard 2R
Davis, Harold T. 5E, 7R
Forsythe, George E. 2R
Gel´fond, Aleksandr Osipovič 1R, 2R
Gupta, Hansraj 9R
Hannon, Beth H. 1R
Hansen, Eldon R. 1P
Jordan, Charles 1PR
Knuth, Donald E. 2P, 3U
Krylov, Vladimir Ivanovich 4R
Kuntzmann, Jean 3R
Langer, Rudolph E. 3R
Levine, Jack 2P
Lowan, Arnold N. 7R
Miksa, Francis L. 9U, 10U
Mitrinović, Dragoslav S. 1R, 2R, 3R, 4R, 5R, 6R, 7R, 8R, 9R, 13R, 14R, 15R, 17R, 18R
Peremans, W. 1R
Riordan, John 4R, 5R
Runge, P. H. Roosen 1R
Salzer, Herbert E. 5R, 7U, 8U, 16U
Schwatt, I. J. 1R
Shanks, Daniel 18P
Spira, Robert 5U
Stancu, Dumitru D. 1P
Tate, Robert F. 2R
Terrill, H. M. 2R
Uhler, H. S. 5R
Wrench, John W., Jr. 23P

7.07 Factorials and Binomial Coefficients, Integer Arguments

Bizley, M. T. L. 1R
Blanch, Gertrude 4P
Boccardi, J. 1R
Cazzola, Emilio 1R
Chambers, E. G. 1R
Cox, D. R. 2R
Cunningham, A. J. C. 2E
Cuthill, Elizabeth H. 1U
David, Florence N. 3R
Eckert, W. J. 1P
Frankel, E. T. 1R
Giannessi, Franco 1R
Goldberg, Karl 1R
Hodges, Joseph L., Jr. 1R, 3R
Joffe, Solomon Achillovich 1U, 4P
Kraitchik, M. 10RE
Lal, Mohan 13U, 14U, 16U
Lehmer, Derrick Henry 34R
Lieberman, Gerald J. 5R
Ljusternik, L. A. 3R
Lotkin, Max 2R, 5R, 6R
Mainland, Donald 1R
Miksa, Francis L. 3U
Mitrinović, Dragoslav S. 2R, 3R, 4R, 5R, 6R
Ondrejka, Rudolf 3U, 5U
Reid, J. B. 1R
Reitwiesner, George W. 4R
Romig, Harry G. 1R
Rosay, H. O. 1U
Roy, Jogabrata 2R
Sakoda, James M. 1R
Salzer, Herbert E. 3U, 27U, 31R, 44U, 46R, 51R, 56R, 64PR
Simon, Leslie E. 1R
Smirnov, Nikolaĭ Vasil´evič 3R
Smith, Carl E. 1R
Smith, Ed Sinclair 1R
Teichroew, Daniel 2R
Thompson, W. B. 1U
Todd, J. A. 1R
Uhler, H. S. 2R, 7R, 9R, 10R
Uhler, Horace Scudder 3U, 13R
Wall, D. D. 1U
Walther, O. A. 1U
Bell Telephone Laboratories 1R
British Association for the Advancement of Science, Mathematical Tables Centre 7P
Institut für Angewandte Mathematik 1U
National Bureau of Standards 35R
National Physical Laboratory 1U
New York Mathematical Tables Project 12U, 24U, 31U

7.10 Elementary Functions

Archibald, Raymond Clare 11P, 21P, 40P
Bateman, Harry 6P
Belevitch, Vitold 1R
Blanch, Gertrude 4P
Clenshaw, C. W. 4R
Fields, Jerry L. 1P
Gauss, Carl Friedrich 1E
Gauss, Friedrich Gustav 1R, 2R
Hart, John F. 1RE
Hastings, Cecil, Jr. 7R
Hovanskĭ, A. N. 2R
Lambert, J. H. 2R
Ljusternik, L. A. 3R
Losch, Friedrich 1R
Luke, Yudell L. 12P
Ralston, Anthony 1R
Tölke, Friedrich 3R
Watson, G. N. 1RE
British Association for the Advancement of Science, Mathematical Tables Centre 7P
National Bureau of Standards Computation Laboratory 6RE

7.10.1 Circular Functions, Their Inverses and Related Functions

Airey, J. R. 1R, 2R, 6U
Albrecht, Carl Theodor 1R
Archibald, Raymond Clare 7P, 8P, 9P, 10P, 13P, 19Q, 22P, 42Q, 45P, 51P, 52P, 56P, 60P, 62P, 65Q, 67P, 78Q, 81Q, 83P, 86Q, 89Q, 92Q, 95P, 96Q, 103Q, 104P, 107Q, 110E, 112P, 113P
Attwood, C. 1R, 2R, 3R, 4R
Balandrano, Héctor 1R

Bateman, Harry 3PR, 4Q, 6P, 7Q, 10P
Bauer, L. 1R
Beljakov, V. M. 1R, 2R, 3R
Benson, Robert Elmo 1R
Bickley, W. G. 5R
Bonfigli, Clemente 1R, 2R
Booth, Andrew Donald 7PR
Bower, Ernest Clare 1U
Brandenburg, Hermann 1E, 2RE, 4E
Briggs, H. 1E
Bruhns, Carl Christian 1R, 2R
Buckingham, Earle 1E
Burgoyne, F. D. 6P
Clenshaw, C. W. 2P
Coghlan, R. M. 1U
Comrie, L. J. 6P
Concus, Paul 4R
Cracknell, Alfred George 1R
Curtis, A. R. 2R
Danjon, André 1R
David, Florence N. 13R
Davies, C. N. 1R
Davis, R. A. 1E
Day, James Thomas 2P
Denman, Harry H. 3P
Donnay, J. D. H. 1R
Eckert, W. J. 1P
Elliott, David L. 2P, 2P
Ellis, Wade 1R
Elznic, Václav 2R, 3R
Englund, Carl R. 1R
Ferguson, D. F. 1P
Fletcher, Alan 1P, 7Q 8RE, 10RE
Fox, E. N. 1R
Freeman, J. G. 1R
Frevel, L. K. 1U
García, Juan 2R
Gardiner, W. K. 1R
Gaunin, Jules 1R
Gautschi, Walter 3P
Gifford, Emma 2E, 3R
Glaser, M. L. 1P
Glasser, M. Lawrence 1P
González, Mario O. 1R
Goodwin, Norton 1R
Gray, Harry J., Jr. 3P
Hammer, C. L. 2U
Harbert, Egbert 1R
Hart, W. L. 1R
Hastings, Cecil, Jr. 4P
Hayashi, Kenji 2E
Herget, Paul 1R
Herrick, Samuel 5R
Hillman, Abraham P. 5Q
Hirvonen, R. A. 1R
Hof, Hans 1R
Horgan, Ruth B. 2PR
Hrenov, L. S. 1R, 2R, 3PR
Hudson, Leo 1RE
Ives, Howard Chapman 1R
Jansson, Birger 1U
Johnston, S. 1Q, 2U, 4U
Johnston, Sidney 1U
Kaplan, Sidney 1U
Keenan, Joseph H. 1R
Kennedy, Leon 1R
Klopfenstein, R. W. 1P
Knuth, Donald E. 2P
Kogbetliantz, Ervand George 1R, 2R
Křovák, Josef 1R, 3R, 4R
LaFara, Robert L. 1P, 2P
Lambert, J. H. 1R
Langdon, Lyle R. 1R
Larsen, Hans A. 1U
Lehmer, Derrick Henry 18Q, 25U, 32U
Lehmer, Emma 4U
Lewin, L. 1R
Ling, Chih-bing 9P, 10U
Linnebach, A. 1R
Ljusternik, L. A. 4R
Luke, Yudell L. 10P
Lynch, J. K. 1R
Maehly, Hans J. 1R
Marchisio, Pietro 1R
Martin, D. G. 1R, 2R
Matsumoto, Toshizo 1R
Miller, J. C. P. 7P, 15Q
Milne-Thomson, L. M. 2E
Mitchell, Donald V. 1R
Mittelman, Beatrice S. 1P
Mock, Owen R. 1U
Morgan, William D. 1Q
Morrison, Donald R. 1P
Muller, Otto 1R
Neville, Eric Harold 2R
Nicholson, S. C. 1P, 2R
Numerov, B. V. 1R
Oldfield, B. 1R
Owen, Donald B. 1R
Perlin, Irwin E. 1P
Peters, J. 2E, 3R, 5E
Peters, Jean 1RE
Peters, Johann Theodor 1R, 2R, 4R, 5R, 6UE, 7R, 8R, 9R, 10E, 11E
Pidduck, F. B. 1R
Pollack, M. 1Q
Pollak, L. W. 1Q, 3R
Pólya, George 1R
Pooler, L. G. 1P
Prokeš, Ant. 1R
Reitwiesner, George W. 1P, 2U
Reynolds, G. 2R
Reynolds, George E. 3R
Ricci, Lelia 1R
Robbins, C. I. 1R
Rohrer, Johann 1R
Roman, Irwin 2Q
Roussilhe, H. 1R
Sakamoto, S. 1R
Salzer, Herbert E. 41P, 76P, 84R
Sang, Edward 1U
Shanks, Daniel 2P, 7P
Sherman, Jack 1R
Shipley, Herbert 1R, 2R
Smith, L. B. 1U
Solodovnikov, V. V. 2R
Spence, William 1E
Spielberg, Kurt 1P
Spira, Robert 3U, 5U
Størmer, Carl 1R
Strömgren, Bengt 1R
Stumpff, Karl 1R
Switzer, Keith A. 1R
Teichroew, Daniel 1P, 2R
Terrill, H. M. 2R
Thacher, Henry C., Jr. 2P
Thorne, Charles J. 1R
Todd, John 1Q, 3Q, 4P, 7R, 9R
Tricomi, Francesco Giacomo 1R, 2R
Vega, Georg 1R, 2R
Vogel, Werner F. 1R
Wheeler, David J. 4P
Wilkes, Maurice 15P
Wood, Harley 1R
Wrench, John W., Jr. 8Q
Wrinch, Dorothy M. 2Q
Wynn, Peter 3P
Žurina, M. I. 3R, 6R
Zweiling, Klaus 1R
Akad. Nauk. SSSR 3RE
Ballistic Research Laboratories 5R
British Association for the Advancement of Science, Mathematical Tables Centre 1E, 5RE, 8E, 9R
Computation Department of the Mathematical Center, Amsterdam 1R

General Electric Co. 1R
Great Britain, Admiralty Computing Service 3U, 4U
Great Britain, H. M. Nautical Almanac Office 7R, 12R
Great Britain, Ministry of Supply 1R
Harvard University, Computation Laboratory 18R, 24R
National Bureau of Standards 24R, 25R, 26R, 32R, 35R, 46E
National Bureau of Standards Computation Laboratory 4R, 7RE, 11R
National Defense Research Committee 1R
New York Mathematical Tables Project 1R, 2R, 3RE, 5R, 8U, 17R, 33R, 34E
Society of Automotive Engineers, War Engineering Board 1R
Raytheon Mfg. Co. 1U
U. S. Coast and Geodetic Survey 1R, 2E, 4R, 5E
War Department 2R
Westinghouse Electric Corporation 1U

7.10.2 Exponential Functions and Related Functions

Archibald, Raymond Clare 13P, 38P, 111P
Attwood, C. 5R
Beard, R. E. 2R
Burgess, James 1RE
Burrau, Carl 1E
Campbell, Edwin S. 2P
Charlier, C. V. L. 1R
Clenshaw, C. W. 2P
Curtis, A. R. 1R
Delves, L. M. 3P
Denman, Harry H. 3P
Eckert, W. J. 1P
Fielder, Daniel C. 2P
Floyd, Robert W. 1P
Fuller, Frederic B. 1U
Glover, J. W. 1RE
Greenwood, Joseph Arthur 1U
Gumbel, Émile J. 3R
Harris, Frank E. 1PR
Hastings, Cecil, Jr. 4P, 5P
Hayashi, Kenji 2E
Hirvonen, R. A. 1R
Holtappel, H. W. 1RE
Hull, J. R. 1R
Iverson, Kenneth E. 1P
Jeffreys, Harold 1R
Johnson, K. S. 1U
Jørgensen, N. R. 1E
Karmazina, L. N. 3R
Kenyon, Richard R. 1U, 2U
Khamis, Salem H. 1R
King, G. W. 1R
Knuth, Donald E. 2P
Kober, Hermann 1R
Kogbetliantz, Ervand George 3R
Lehmer, Derrick Henry 1Q
Leszczynski, Bogumil 1P
Macon, Nathaniel 1P
Machly, Hans J. 1R
Moon, Parry 1R, 2R, 3R
Nekrasov, A. I. 1R
Nosova, L. N. 1R
Ondrejka, Rudolf 5U
Oldfield, B. 1R
Page, M. K. 1U
Pearson, E. S. 8R
Pedersen, Peder 1R, 2R, 3R
Pekeris, Chaim L. 1R
Potin, L. 1E
Ream, N. 1P
Runge, P. H. Roosen 1R
Rushton, S. 2R, 3R
Sampford, M. R. 1R
Sankar, R. 1P
Shanks, Daniel 21U
Sheppard, William Fleetwood 1R
Sherman, Jack 2R
Smirnov, Nikolaĭ Vasilevič 3R
Smith, Carl E. 1R
Smith, Ed Sinclair 1R
Snowden, F. C. 1R
Spicer, H. C. 1U, 2U
Steffensen, J. F. 1R
Stigler, George J. 1P
Teichroew, Daniel 1P, 2R
Uhler, H. S. 8R
Wapstra, A. H. 1R
Wheeler, David J. 4P
Wimp, Jet 1P
Wrench, John W., Jr. 2P
Wynn, Peter 3P
Harvard University, Computation Laboratory 4R
National Bureau of Standards 5E, 21U, 31R
National Bureau of Standards Computation Laboratory 6RE, 12R, 17R
National Bureau of Standards Math Tables Project 4RE
New York Mathematical Tables Project 4RE, 5R, 12U, 19E, 21U, 32R

7.10.3 Hyperbolic Functions and Related Functions

Airey, J. R. 1R
Archibald, Raymond Clare 101Q
Beall, Geoffrey 1R
Becker, G. F. 1E, 2RE
Blakesley, T. H. 1E
Ellis, Wade 2R
Emde, Fritz 9E
Gudermann, C. 1E
Hammer, C. L. 2U
Hayashi, Kenji 1R
Hillman, Abraham P. 5Q
Johnson, K. S. 1U
Ling, Chih-bing 10U
Luke, Yudell L. 18P
Oldfield, B. 1R
Powley, Homer S. 1U
Prandtl, Ludwig 2R
Rybner, Jørgen 3R, 5R
Sakamoto, S. 1R
Salzer, Herbert E. 54R
Smith, Carl E. 1R
Spenceley, G. W. 3U
Uhler, H. S. 8R
Young, Andrew 1U
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 9R
National Bureau of Standards 20U, 24R, 25R, 30R
National Bureau of Standards Computation Laboratory 4R
New York Mathematical Tables Project 2R, 17R, 27E, 34E

7.10.4 Logarithmic Functions, Inverse Hyperbolic Functions and Related Functions

Airey, J. R. 2R
Albrecht, Carl Theodor 1R
Andreev, P. P. 1R
Anscombe, F. J. 2R
Archibald, Raymond Clare 7P, 13P, 14P, 22P, 23Q,

29P, 30Q, 31Q, 45P, 49P, 56P, 58Q, 62P, 67P, 70Q, 96Q, 101Q, 104P, 111P, 114P, 115P
Attwood, C. 3R, 4R, 5R
Barnett, V. D. 2R
Barrière, G. 1R
Beljakov, V. M. 1R, 2R, 3R
Boccardi, J. 1R
Boerngen, Josephine G. 1R
Bonfigli, Clemente 1R, 2R
Brown, Oliver L. I. 1R
Bruhns, C. C. 1E
Bruhns, Carl Christian 1R, 2R
Burgess, James 1RE
Burgoyne, F. D. 7P
Bush, Robert R. 1R
Callet, F. 1E
Cazzola, Emilio 1R
Clenshaw, C. W. 2P
Cracknell, Alfred George 1R
Danjon, André 1R
Davis, Harold T. 7R
Duarte, F. J. 1R, 3R
Duffield, W. W. 1E
Eckert, W. J. 1P
Faucher, Clovis 1U
Fielder, Daniel C. 2P
Fisher, Ronald Aylmer 3E
Fletcher, Alan 1P
Frankel, S. 1R
Frevel, L. K. 2U
Fuller, Frederic B. 1U
García, Juan 2R
Gonzálaez, Mario O. 1R
Greenwood, Joseph Arthur 1U
Gruenberger, F. J. 3P
Gudermann, C. 1E
Hammer, H. K. 1Q
Harbert, Egbert 1R
Hart, W. L. 1R
Hastings, Cecil, Jr. 4P
Heppel, George Hastings 1U
Hirvonen, R. A. 1R
Van de Huist, H. C. 1R
James, W. G. 1R
Joffe, Solomon Achillovich 3E
Kaplan, Sidney 1U
Karpinski, Louis Charles 1Q
Keenan, Joseph H. 1R
Kelisky, Richard P. 1P
Kennedy, Leon 1R
Kober, Hermann 1R
Křovák, Josef 2R
Kullback, Solomon 2R
Langdon, Lyle R. 1R
Lewin, L. 1R
Lieberman, Gerald J. 5R
Ljusternik, L. A. 4R
Lownes, Albert E. 1Q
Luke, Yudell L. 10P
Machly, Hans J. 1R
Mansell, W. E. 1R
DE Marchin, R. 1R
Maseres, F. 1E
DE Mendizábal Tamborrel, J. 1E
Metropolis, Nicholas 1P
Miller, J. C. P. 7P
Mitchell, Donald V. 1R
Morrison, Donald R. 1P
Muller, Otto 1R
Neišuler, L. 1R
Neville, Eric Harold 2R
Ng, E. Wai-kwok 2PM
Opler, Ascher 2U
Ostrowski, Alexander M. 3P
Oughtred, William 1E
Parkhurst, H. M. 1E, 2E
Peters, J. 4E
Peters, Johann Theodor 3E, 4R, 10E, 11E
Phillips, Robert D. 1R
Powley, Homer S. 1U, 2U
Ragazzini, John R. 1R
Salzer, Herbert E. 54R
Sang, Edward 1U
Sauvenier-Goffin, E. 1R
Shanks, Daniel 1P, 12P
Sherman, Jack 2R
Shields, M. C. 1Q
Smith, C. S. 1R
Smith, Ed Sinclair 1R
Snowden, F. C. 1R
Speaceley, G. W. 4RE
Spielberg, Kurt 1P, 2P
Spira, Robert 3U
Stamper, Patricia C. 1U
Sweeney, Dura W. 2P
Teichroew, Daniel 1P
Thacher, Henry C., Jr. 2P
Thijsen, W. P. 1R
Thomas, George B. 1R
Thompson, Alexander John 1R, 2R, 3R, 6R
Thomson, John 1U, 2U
Todd, John 2P
Uhler, H. S. 1R, 4R, 6R, 11R
Uhler, Horace Scudder 5P, 6P, 12R
Vandrey, Friedrich 1R
Vega, Georg 1R, 2R
Villey, Jean 1Q
Wittstein, Theodor 1R
Woolf, Barnet 1R
Wrench, John W., Jr. 2P, 11U
Wynn, Peter 3P, 4P
Zavrotsky, Andres 5R
Žurina, M. I. 2R, 3R, 6R
Akad. Nauk. SSSR 3RE
Department of Commerce, Weather Bureau 1U
Great Britain, Admiralty Computing Service 3U
Great Britain, Ministry of Supply 1R
Harvard University, Computation Laboratory 15R, 24R
National Bureau of Standards 6E, 9E, 18RE, 41R
National Bureau of Standards Computation Laboratory 13U
National Bureau of Standards Math Tables Project 1R
New York Mathematical Tables Project 20E, 43E
Radio Corporation of America 2U
Staff of the Comp. Dept. of Math. Centrum, Amsterdam 1U

7.10.5 Powers, Roots, and Reciprocals

Andreev, P. P. 1R
Anonymous 12R
Archibald, Raymond Clare 12Q, 17Q, 22P, 32Q, 45P, 49P, 60P, 65Q, 68P, 104P
Bailey, C. B. 1R
Barlow, Peter 1R
Bateman, Harry 5Q
Beeger, N. G. W. H. 4P
Beyer, William A. 1U
Bleick, Willard Evan 1P
Boyer, R. F. 1Q
Bremmer, Hendricus 1R
Buckingham, Earle 1E
Cambi, Enzo 2U
Cazzola, Emilio 1R
Comrie, L. J. 1RE, 9RE, 11Q
Coustal, René 1R
Davenport, Harold 1R
Davis, Harold T. 3U, 7R

Drach, S. M. 1E
Eckert, W. J. 1P
Emersleben, Otto 11R
Emmons, Howard W. 1R
Fisher, Ronald Aylmer 4E
Flake, G. 1U
Fletcher, Alan 4P
Frank, Evelyn 1PM
Fröberg, Carl-Erik 2R
Gauss, Carl Friedrich 2E
Gloden, Albert 3R, 7U, 9R, 10R, 11R, 15R
Gonzálaez, Mario O. 1R
Gray, Peter 1E
Hammer, H. K. 2U
Hammer, Preston, C. 2P
Hayashi, Keiichi 1E
Hollingsworth, John 1P
James, Wendy 1P
Jeffreys, Harold 1R
Johnson, R. F. 1U
Jones, C. W. 2R
Jones, M. F. 6U
Jordan, William B. 1P
Kaplan, Sidney 2P
Kaprekar, D. R. 2RE
Karst, Edgar 6U
Keenan, Joseph H. 1R
Kenyon, Richard R. 1U, 2U
Lal, Mohan 6UM, 8U, 9U, 17U
Langdon, Lyle R. 1R
Lehmer, Derrick Henry 20U, 25U, 26U, 32U
Lehmer, Emma 3PR
Ljusternik, L. A. 4R
Lowan, Arnold N. 9Q
Lownes, Albert E. 1Q
Luke, Yudell L. 18P
DE Marchin, R. 1R
Matsumoto, Toshizo 1R
Merrifield, C. W. 1E
Miller, J. C. P. 14Q
Milne-Thomson, L. M. 1E
Mitchell, Donald V. 1R
Molina, Edward Charles 1R
Dixon 1R
Möller, J. P. 1R
Montagne, P. 1R
Moore, Ramon E. 1R
Morris, R. C. 1R
Muller, Otto 1R
Nachod, C. P. 1R
Nagler, H. 2U
Neßuler, L. 1R, 3R
Neugebauer, Otto E. 1R
VON Neumann, Johann 7P, 8PR
Neville, Eric Harold 2R
Olander, Arne 1R
Ondrejka, Rudolf 4U
Owen, Donald B. 1R
Patz, Wilhelm 1R
Pendery, D. W. 1R
Pipping, Nils 3R
Plassmann, J. 1R
Prasad, A. V. 1R
Reitwiesner, George W. 4R
Reynolds, George E. 1R, 5R
Reynolds, William A. 1R
Roman, Irwin 1Q
Sadler, D. H. 6P
Salzer, Herbert E. 11Q, 40R, 44U, 51R
Seeley, W. J. 1R
Ser, J. 1R
Smirnov, Nikolaĭ Vasil´evič. 3R
Smith, L. B. 1U
Smith, Robert W., Jr. 1P
Spira, Robert 3U
Sterbenz, P. H. 1P
Stigler, George J. 1P
Storch, Leo 1U
Stumpff, Karl 1R
Takashi, Koki 1U
Thacher, Henry C., Jr. 2P
Thébault, Victor 2R
Uhler, H. S. 2R, 12R
Uhler, Horace Scudder 5P, 8R, 9R, 10R, 11R
Vogel, Werner M. 1R
Wapstra, A. H. 1R
Wheeler, David J. 4P
Wrench, John W., Jr. 3U, 6U
Zimmermann, Ludwig 1R, 2R
Admiralty Research Lab. 7R
Aeronautical Research Council 1R
Bartol Research Foundation 1U
British Association for the Advancement of Science, Mathematical Tables Centre 2R
Burroughs Adding Machine Co. 1E
Department of Commerce, Weather Bureau 1U
General Electric Co. 1R
Great Britain, Admiralty Computing Service 2U
Great Britain, Farnborough Royal Aircraft Establishment 1R
Marchant Calculating Machine Co. 1RE, 2P, 3R
National Bureau of Standards 1Q, 7E, 10E, 17R, 35R
National Bureau of Standards Math Tables Project 1R
New York Mathematical Tables Project 12U, 16R, 21U, 25R, 31U, 35U
Tokyo Numerical Computation Bureau 2R

7.10.8 Combinations of Elementary Functions, Arithmetic Tables

Adrian, A. 1U
Aitchison, John 1R
Anan´ev, I. V. 1R
Andersen, E. 1R
Archibald, Raymond Clare 1R, 12Q, 20Q, 22P, 50Q, 71P, 80P, 82P, 108Q
Attwood, C. 1R, 2R
Bark, L. S. 1R
Bartholomew, D. J. 1R
Bartlett, M. S. 1R
Bateman, Harry 3PR
Bergman, Stefan 3P, 4R
Berkson, Joseph 1R, 3R
Beskin, Leon 1R
Bishop, R. E. D. 1R
Bonfigli, Clemente 1R, 2R
Bosshardt, Rudolf 1R
Brock, Paul 2P
Brown, S. Leroy 4R
Buckingham, Earle 1E
Buerger, M. J. 1R, 2R
Caligo, Domenico 1R
Chambers, E. G. 1R
Claassen, R. W. 2R
Clinnick, M. L. 1R
Cosens, C. R. 3P
Couffignal, Louis 1R
Crelle, A. L. 1R
Daggett, H. M., Jr. 1R
Davis, Robert B. 1R
Dean, W. R. 1R
Dube, G. P. 2R
Duncan, W. J. 1R
Dunoyer, Louis 1R
Ekelof, Stig 1R
Emmons, Howard W. 1R

Février, Ch. 1R
Fischer, Paul B. 1R
Freudenberg, K. 1R
Galitzin, Boris Borisovich 1P
Gandolfo, Jose S. 1R
Gaunin, Jules 1R
Gauss, Carl Friedrich 2E
Gershun, A. A. 1E
Gnedenko, B. V. 1R
Goldschmidt, G. H. 1R
Goussinsky, B. 1R
Gregory, Olinthus Gilbert 1E
Gupta, Arjun K. 1R
Hagstroem, K. G. 1R
Hahn, Dietrich 1R
Hammersley, J. M. 2R
Hannan, E. J. 1R
Hastings, Cecil, Jr. 1R, 6P
Herget, Paul 4R
Herrick, Samuel 5R
Heténi, Miklós 1R
Hilsenrath, Joseph 1R
Hopkins, Harry G. 1R
Hristianovič, S. A. 1R, 2R
Imai, Isao 1R
Infeld, Leopold 1R
Jarnagin, M. P. 4R
Johnson, Norman L. 5R
Jordan, Wilhelm 1R
Kariakin, N. I. 1R
King, Horace Williams 1R
Kitagawa, Tosio 1RE, 3E
Kulikov, D. K. 1R
Kullback, Solomon 1R, 2R
Landweber, L. 1R
Langdon, Lyle R. 1R
Liénard, A. 1Q
Lotkin, Max 4R
Lynch, J. K. 2R
Mather, K. M. 1R
Muggia, Aldo 1R
Natucci, Alpinolo 1R
Neĭšuler, L. 1R, 2R
Nelms, Ann T. 1R
Nikitin, A. A. 1R
Oberg, E. 1E
Olsson, Uno 1R
Opler, Ascher 1R
Osborn, J. A. 1R
Page, R. M. 1RE
Peake, Harold J. 1R
Pearson, E. S. 13R
Pode, Leonard 1R, 2R
Powley, Homer S. 1U
Prager, William 1P
Pucher, A. 1R
Quenouille, Maurice Henri 2R
Rice, Stephen O. 1R
Rybner, Jørgen 2R, 3R, 4R, 5R
Sachs, A. J. 2R
Sampford, M. R. 2R
Schmidt, Walter 1R
Schulze, Friedrich 1R
Serebriĭskiĭ, Ia. M. 2R
Shanks, Daniel 11P
Slaymaker, Frank H. 1R
Spencer, Roy C. 2R
Stevens, W. L. 3R
Stoner, Edmund C. 1R
Thacher, Henry C., Jr. 3U
Thijsen, W. P. 1R
Thorne, Charles J. 2R
Triebel, Franz 1R, 2R
Turrell, Franklin Marion 1R
Umansky, A. 1R
Vedeler, George 1R
Vogel, Werner F. 1R
Vogel, Werner M. 1R
Vriesendorp, W. 1R
Vuagnat, L. 1R
VAN Wijngaarden, Adriaan 3R
Wilson, E. M. 1R
Wolfson, J. L. 1R
Wood, Harley 1R
Woodward, Sherman M. 1R
Wright, P. B. 1R, 2R
Zagrebin, D. 1R
Zavrotsky, Andres 2R
Zickermann, F. 1E
Zolotarev, I. P. 1R
Admiralty Research Lab. 1U
Aeronautical Research Council 1R
Brown and Sharpe Mfg. Co. 1R, 2R, 3E
Consiglio Nazionale delle Ricerche 1R
Great Britain, H. M. Nautical Almanac Office 5R, 6R
Harvard University, Computation Laboratory 10R
Istituto Geografico Militare, Florence 1R
National Advisory Board for Aeronautics 1R
National Bureau of Standards 3U, 13R
National Defense Research Committee 2R
New York Mathematical Tables Project 41R
Schomann 1R

7.15 Gamma Functions, Psi Functions, Zeta Functions and Related Functions

Abramov, A. A. 1RE
Anis, A. A. 1R
Archibald, Raymond Clare 11P, 13P, 40P, 49P, 93P
Atoji, Masao 1U, 2R
Beckerley, James G. 1R
Bendersky, L. 1R
Blanch, Gertrude 4P
Bourget, J. P. L. 1E
Cambi, Enzo 2U
Chandrasekhar, S. 1R
Clenshaw, C. W. 2P, 4R
Cody, W. J. 5P
Davis, Harold T. 7R
Ditkin, V. 4R
Dorodnicyn, A. A. 2R
Emersleben, Otto 1R, 4R, 5R, 6R, 7R, 8R, 12R, 13R
Erber, Thomas 1P
Feister, I. 1R
Fletcher, Alan 5P
Fox, Leslie 6R
Galant, David 1P
Ghizzetti, Aldo 1R
Glaisher, L. W. L. 1E
Glaser, M. L. 1P
Glasser, M. Lawrence 1P
Good, Irving John 3P
Hansen, Eldon R. 1P
Hart, John F. 1RE
Hartree, Douglas 5R
Haselgrove, C. B. 1R
Hastings, Cecil, Jr. 7R
Hildebrand, Francis B. 1R
Hovanskĭ, A. N. 2R
Hunter, D. B. 2P
Jeffreys, Harold 2R
Jordan, Charles 1PR
Lebedev, N. N. 1R
Lehman, R. Sherman 1P, 2P
Lehmer, Derrick Henry 16P, 37R, 39R
Lewin, L. 1R
Lienard, R. 1R
Ljusternik, L. A. 3R
Long, M. E. 1R
Luke, Yudell L. 15P
Macfarlane, G. G. 2R

McLellan, Alden IV 1U
Mechel, Fr. 1P
Meissner, Walter 1R
Moody, William T. 1P
Murnaghan, Francis D. 2R, 3R
Ng, E. Wai-kwok 2PM
Ninham, Barry W. 1P
Nixon, Floyd E. 1R
Pólya, George 1R
Powell, E. O. 2R
Rice, John R. 2P
Ritchie, R. H. 2E
Rosser, J. Barkley 6R
Salzer, Herbert E. 30U, 46R
Sasaki, Tatudiro 1R
Shanks, Daniel 8P, 11P, 12P, 18P
Sherry, M. E. 1P
Sibagaki, Wasao 1R
Sichel, Herbert S. 1R
Smirnov, Nikolaĭ Vasil'evič 2R
Spira, Robert 3U, 4U, 5U, 6U, 7P, 8P, 9P, 10P, 11PM
Stanley, J. P. 1RE, 2E
Stenzel, H. 1R
Stevenson, A. C. 1R
Stewart, John Q. 1R
Stieltjes, T. J. 1E
Sweeney, Dura W. 2P
Taussky, Olga 2P
Todd, John 7R
Uhler, H. S. 5R
Uhler, Horace Scudder 5P
Walther, Alvin 3E
Wells, Charles 1R
Werner, Helmut 1P
VAN Wijngaarden, Adriaan 1R
Wimp, Jet 1P
Wood, Van E. 4P
Wrench, John W., Jr. 4E, 7E, 10P, 16P, 23P
Zondek, B. 1P
Ballistic Research Laboratories 1P
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 7P, 9R
Cambridge University Mathematical Laboratory 1U
National Bureau of Standards 11R, 13R, 25R
National Bureau of Standards Computation Laboratory 9R

7.20 Incomplete Gamma Functions

Archibald, Raymond Clare 13P
Blanch, Gertrude 4P
Elliott, David L. 4P
Fair, Wyman G. 1P
Fields, Jerry L. 1P
Hovanskiĭ, A. N. 2R
Hunter, D. B. 2P
Lebedev, N. N. 1R
Luke, Yudell L. 11P, 12P, 13RE, 14P
Mond, Bertram 2R
Slater, Lucy Joan 5R
Takenaga, Roy 1P
Whittlesey, John R. B. 1P
Wynn, Peter 3P

7.20.1 Exponential Integral and Related Functions

Allen, E. E. 1P
Archibald, Raymond Clare 21P
Bateman, Harry 6P
Berndt, G. D. 1R
Bleick, Willard Evan 2R
Clenshaw, C. W. 4R
Cody, W. J. 8P
Corrington, Murlan S. 8P, 10P
Coulson, C. A. 2E
Dalgarno, Alec 1P
Dingle, R. B. 2R
Erdélyi, Arthur 4P
Fieller, E. C. 1R
Fox, Leslie 6R
Frank, F. C. 1R
Gershun, A. A. 1E
Goodwin, E. T. 1R
Green, C. P. 1U
Hammer, C. L. 1U
Harris, Frank E. 1PR
Hastings, Cecil, Jr. 3P, 4P, 7R
VAN DER Held, E. F. M. 1R
Herman, Robert 1R
Hershey, A. V. 2R
Van de Hulst, H. C. 1R
Karpov, K. A. 2R
Kotani, Masao 1R
Kourganoff, V. 2R
Kovalenkov, V. I. 1R
Kreyszig, Erwin 1R, 2R
Krugliak, Y. A. 1PR
Le Caine, J. 1R
Lehmer, D. N. 4RE
Mapes, David C. 1P
Mashiko, M. 1R
Miller, G. F. 1R
Miller, James 1P
Mitchell, W. C. 2P
Mooney, Melvin 1Q
Murnaghan, Francis D. 2R
Narasimha, Roddam 1U
Nicholas, J. F. 1U
Olson, Arne P. 1RM
Rahman, A. 1R
Ritchie, R. H. 1P
Schmidt, E. 1E
Skinner, P. M. 1R
Skolem, S. 1R
Sweeney, Dura W. 2P
Thacher, Henry C., Jr. 5P
Tibbetts, G. C. 1Q
Tietz, Horst 1R
Todd, John 8P
Tölke, Friedrich 3R
Tooper, Robert F. 1P
Wadsworth, D. van Z. 2P
VAN Wijngaarden, Adriaan 7R
Akad. Nauk. SSSR 7R
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 7P, 9R
Great Britain, H. M. Nautical Almanac Office 3R
Harvard University, Computation Laboratory 20R
National Bureau of Standards 4RE, 35R, 44R
National Research Council of Canada 1R

7.20.2 Cos and Sin Integrals and Related Functions

Aiken, Howard H. 1R, 2R
Archibald, Raymond Clare 56P
Bateman, Harry 6P
Bleick, Willard Evan 2R
Bouwkamp, Christoffel Jacob 3R, 4R
Christian, Schuyler M. 1E
Corrington, Murlan S. 10P
Dengler, Max A. 2R
Dingle, R. B. 2R
Erdélyi, Arthur 6Q
Fleckner, Oscar L. 1P
Fletcher, Alan 8RE
Fox, Leslie 6R
Frevel, L. K. 3U
Gerbes, W. W. 1R

Goddard, L. S. 1R
Godfrey, G. H. 1R
Griffing, Virginia 1R
Hallén, Erik 1R
Harumi, Kasaburo 1P
Hastings, Cecil, Jr. 7R
Hershey, A. V. 2R
Jahnke, Eugene 5E
Kreyszig, Erwin 1R, 2R
Mashiko, M. 1R
Millington, G. 1P
Murray, R. L. 1R, 2R
Pidduck, F. B. 1R
Rice, Stephen O. 1R
Schelkunoff, Sergei A. 2R
Smith, Carl E. 1R
Solodovnikov, V. V. 1R
Tani, Keitkitiro 1E
Tibbetts, G. C. 1Q
Tölke, Friedrich 3R
Vallarta, Manuel Sandoval 1R
Wimp, Jet 1P
Aircraft Radiation Systems Laboratory 1R
Akad. Nauk. SSSR 4R
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 7P, 9R
Harvard University, Computation Laboratory 14R, 20R
National Bureau of Standards 4RE, 23R, 44R
New York Mathematical Tables Project 12U

7.20.3 The Error Functions

Archibald, Raymond Clare 21P, 43P
Arley, Niels 2R
Bateman, Harry 6P
Berljand, O. S. 1R
Berndt, G. D. 1R
Black, A. N. 1R
Brauer, Ellen 1U
Burgess, James 1RE
Burrau, oyvind 1R
Carslaw, H. S. 1R
Chalonge, D. 1R
Chandrasekhar, S. 3R
Charlier, C. V. L. 1R
Chiarella, C. 1P
Clemmow, P. C. 1R
Clenshaw, C. W. 4R
Cody, W. J. 9P
Cook, Edward M. 1R
Cornfield, Jerome 1R
Corrington, Murlan S. 4P, 9U
Dawson, H. G. 1E
DiDonato, A. R. 3P, 4P
Dingle, R. B. 2R
Dixon, Wilfrid J. 1U
Eckert, W. J. 1P
Elliott, David L. 2P
Emersleben, Otto 1R, 2R
Erdélyi, Arthur 4P
Faddeeva, V. N. 3R
Ferrari, Carlo 1R
Fettis, Henry E. 1P, 3P
Finney, David J. 2R, 4R
Fox, Leslie 6R
Frank, F. C. 1R
Fried, Burton D. 1R
Gawlik, H. J. 1U
Gjeddebaek, N. F. 1R
Gnedenko, B. V. 1R
Godwin, H. J. 2R
Goncharov, V. L. 1R
Goodwin, E. T. 1R
Gray, H. L. 3P
Greenberg, Irwin 1P
Gupta, Arjun K. 1R
Hart, John F. 1RE
Hart, Roger G. 1P, 2P
Hartley, H. O. 4R, 7R
Hastings, Cecil, Jr. 1R, 5P, 7R
Hensman, R. 1U
Hummer, David G. 1P
Karpov, K. A. 3R, 4R, 6R
Khamis, Salem H. 1R
Kreyszig, Erwin 1R, 2R
Laible, Theodor 1RE
Langdon, Lyle R. 1R
Lohmander, Bengt 1R
Marcum, J. I. 1R
Mooney, Melvin 1Q
Moretti, Gino 1R
Murnaghan, Francis D. 3R
Narasimha, Roddam 1U
Noether, Gottfried Emanuel 2R
Oldham, K. B. 1P
Opler, Ascher 5U
Owen, Donald B. 3R
Page, E. S. 1R
Palm, Conny C. R. A. 1R
Patnaik, P. B. 4R
Pearson, E. S. 8R, 13R
Philip, John R. 1R
Pillai, K. C. Sreedharan 4R
Pimbley, W. T. 1U
Quenouille, Maurice Henri 2R
Reichel, A. 3PM
Rice, John R. 2P
Ritchie, R. H. 1P
Rosser, J. Barkley 1R, 3R
Rushton, S. 2R, 3R
Russe!!, W. 3U
Salton, Gerard 1P
Salzer, Herbert E. 18P, 42P, 61R
Sampford, M. R. 1R
Schucany, W. R. 1P, 2P
Schweikert, G. 1R
Shanks, Daniel 11P
Sheppard, William Fleetwood 1R
Skwirzynski, J. K. 1U
Sluckiĭ, E. E. 1R
Smirnov, Nikolaĭ Vasil´evič 3R
Smith, Ed Sinclair 1R
Solomon, Alan 1P
Stäblein, F. 1R
Steck, George P. 1R
Strand, Otto Neall 1P
Strecok, Anthony J. 1P
Tate, Robert F. 1R
Teichroew, Daniel 2R
Terrill, H. M. 1R
Ugarov, V. A. 1R
Uspensky, J. V. 1E
Wadsworth, D. van Z. 1P
Wapstra, A. H. 1R
Weingarten, Harry 2P
White, F. E. 1Q
Whitehead, S. 1Q
Whittlesey, John R. B. 1P
VAN Wijngaarden, Adriaan 7R
Wolf, Frank L. 1R
Wood, Van E. 2P
Bell Aircraft Corporation 1U
Biometrika, Editors 1R
British Association for the Advancement of Science, Mathematical Tables Centre 7P
Harvard University, Computation Laboratory 22R
National Bureau of Standards 34R, 36R
New York Mathematical Tables Project 4RE
Radio Corporation of America 1U

7.20.4 Inverses of Error Functions

Albert, George E. 1R
Berkson, Joseph 2R, 4R
Broadbent, S. R. 1R

Charlier, C. V. L. 1R
Croxton, Frederick E. 1R
Deming, William Edwards 1R
Finney, David J. 2R
Fix, Evelyn 3R
Gebhardt, Friedrich 1P
Goncharov, V. L. 1R
Hald, A. Hjorth 3R
Krishnan, T. 1U
Lewis, T. O. 1R
Merrington, Maxine 1R
Muller, Mervin E. 1P
Pearson, E. S. 8R
Salzer, Herbert E. 61R
Schwartz, Jacob T. 1R
Sibuya, Masaaki 1R
Spicer, H. C. 3U
Strecok, Anthony J. 1P
Teichroew, Daniel 2R
Thompson, Catherine M. 2R
National Bureau of Standards 34R

7.20.5 Integrals of Error Functions and Related Functions

Ascari, Aldo 1U
Berljand, O. S. 1R
Cadwell, J. H. 4P
Chester, W. 1R
Cook, Edward M. 1R
DiDonato, A. R. 3P, 4P
Diemer, G. 1R
Dunnett, Charles W. 3U, 4U
Gautschi, Walter 2P
Godwin, H. J. 1R, 2R, 3R
Goncharov, V. L. 1R
Greenberg, Irwin 1P
Grubbs, Frank E. 2R
Hartley, B. I. 1R
Hartley, H. O. 4R
Hastings, Cecil, Jr. 1R
Heisenberg, Werner 1R
Kaye, Joseph 2R
Kolmogorov, A. N. 1R, 2R
McNamee, John 1P
Milton, Roy C. 1R
Nabeya, Seiji 1R
Nair, K. Raghavan 1R
Owen, Donald B. 1R, 2R
Pearson, E. S. 1R, 2R
Resnikoff, George J. 2R
Rosenthal, G. W. 1R
Rosser, J. Barkley 1R, 3R
Rushton, S. 2R, 3R
Stroud, Arthur H. 9P
Teichroew, Daniel 2R
Wilcox, W. R. 1P
Wood, Van E. 3P
Ballistic Research Laboratories 2U
Bell Aircraft Corporation 1U
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 7P, 9R
National Bureau of Standards 45RE
University of California, Statistical Laboratory 1U

7.20.6 Fresnel Integrals and Related Functions

Archibald, Raymond Clare 72P, 93P
Arenberg, D. L. 1R, 3E
Barakat, Richard G. 1P
Bateman, Harry 6P
Birge, Raymond T. 1U
Boersma, J. 1P
Brauer, Ellen 1U
Clemmow, P. C. 1R
Cody, W. J. 6PM
Cook, Edward M. 1R
Corrington, Murlan S. 9U
Dingle, R. B. 2R
Faddeeva, V. N. 3R
Fleckner, Oscar L. 1P, 2U
Fried, Burton D. 1R
Hastings, Cecil, Jr. 8R
Karpov, K. A. 3R, 4R, 6R
Kreyszig, Erwin 1R, 2R
Krogdahl, M. K. 1R
Lommel, E. C. J. V. 1E
Pearcey, T. 5R
Rankin, Robert A. 1R
Reichel, A. 3PM
Rosser, J. Barkley 1R, 3R, 4R
Salzer, Herbert E. 42P
Shinn, D. H. 1U
Soanes, S. V. 1Q
Strand, Otto Neall 1P
Syret, H. E. 1U
Ugarov, V. A. 1R
Wadsworth, D. van Z. 1P
Walters, Lillie C. 1R
Watson, George Neville 1RE
White, F. E. 1Q
Whitehead, S. 1Q
VAN Wijngaarden, Adriaan 2R
Wilson, A. J. C. 1R
Akad. Nauk. SSSR 5RE, 6E
Radio Corporation of America 1U
U. S. Navy, Offices of Research and Inventions 2R

7.20.7 Other Incomplete Gamma Functions

Abramowitz, Milton 8R
Ancker, C. J., Jr. 1R
Archibald, Raymond Clare 21P, 98P
Barakat, Richard G. 1P
Berndt, G. D. 1R
Boas, Ralph Philip, Jr. 2P
Brockmeyer, E. 1R
Chalonge, D. 1R
Church, Robert F. 1P
Corrington, Murlan S. 8P
Crow, Edwin L. 1R
Deming, William Edwards 1R
Fisher, Ronald Aylmer 2RE
Fix, Evelyn 3R
Fleckner, Oscar L. 1P
Girshick, M. A. 1R
Gnedenko, B. V. 1R
Gordon, Alan 1R
Gray, H. L. 3P
Hald, A. Hjorth 3R
Hartley, H. O. 7R
Hastings, Cecil, Jr. 4P
VAN DER Held, E. F. M. 1R
Van de Hulst, H. C. 1R
Iverson, Kenneth E. 1P
Jackman, Marian C. 1R
Katz, Leo 1R
Khamis, Salem H. 1R
Kolmogorov, A. N. 1R, 2R
Kotani, Masao 1R
Kourganoff, V. 2R
Kreyszig, Erwin 1R, 2R
Krugliak, Y. A. 1PR
Le Caine, J. 1R
Lewis, T. O. 1R
Lowan, Arnold N. 8R
Luke, Yudell L. 15P
MacDonald, A. D. 1R
McNamee, John 1P
Merrington, Maxine 1R
Middleton, David 1R
Miller, G. F. 1R

Molina, Edward Charles 1R
Dixon 1R
Mooney, Melvin 1Q
Nair, K. Raghavan 1R
Narasimha, Roddam 1U
Nath, Pran 1R
Nekrasov, A. I. 1R
Nicholas, J. F. 1U
Ondrejka, Rudolf 5U
Olson, Arne P. 1RM
Ormonde, Stephan 1P
Palm, Conny C. R. A. 1R
Patnaik, P. B. 4R
Pearson, E. S. 8R
Peck, L. G. 1R
Pidduck, F. B. 1R
Preuss, H. 1R
Rahman, A. 1R
Resnikoff, George J. 2R
Rushton, S. 2R, 3R
Russell, W. 3U
Schucany, W. R. 2P
Sibuya, Masaaki 1R
Sichel, Herbert S. 1R
Skinner, P. M. 1R
Slater, Lucy Joan 1R
Sluckiĭ, E. E. 1R
Smith, Ed Sinclair 1R
Teichroew, Daniel 2R
Thompson, Catherine M. 2R
Thompson, Gene Thomas 1P
Thompson, Rory 1P
Tournier, Marcel 1R
Vallarta, Manuel Sandoval 1R
Vanagas, V. V. 1R
VAN Wijngaarden, Adriaan 7R
Wolf, Frank L. 1R
Great Britain, Mathematical Group, The Malvern, Worcestershire 1R
National Bureau of Standards 35R
National Research Council of Canada 1R

7.23 Miscellaneous Integrals of Elementary Functions

Abramowitz, Milton 7R
Aiken, Howard H. 1R, 2R
Alder, Kurt 1R
Amos, Donald E. 1P, 2P
Ancker, C. J., Jr. 1R
Archibald, Raymond Clare 13P, 21P, 40P, 93P, 98P, 102Q
Aroian, Leo A. 1Q
Ashour, Attia A. 1PR
Baldwin, R. P. 1R
Barnett, M. P. 1R
Bateman, Harry 2Q, 6P
Beljakov, V. M. 1R, 2R, 3R
Berghuis, J. 1U
Bergman, Stefan 6P
Bierens de Haan, D. 1R
Bierlein, James A. 1R
Blanch, Gertrude 4P
Bordoni, Piero Giorgio 1R
Bullard, E. C. 1R
Burger, A. P. 1Q
Burrau, oyvind 1R
Chambers, Ll. G. 1P
Chandrasekhar, S. 1R, 3R
Christian, Schuyler M. 1E
Claassen, R. W. 2R
Clark, Robert A. 1R
Clunie, James 1R
Cody, W. J. 4P
Cook, Edward M. 1R
Corrington, Murlan S. 3R, 5Q, 8P, 10P
Crossley, F. R. Erskine 1R
Dalgarno, Alec 1P
Dank, M. 1PR
Dengler, Max A. 2R
Diemer, G. 1R
Dingle, R. B. 1R, 2R
Ditkin, V. 5R
Duijvestijn, Adrianus Johannes Wilhelmus 1U
Dunnett, Charles W. 4U
Dunoyer, Louis 1R
Erdélyi, Arthur 5Q, 6Q
Evans, Robley D. 1Q
Fasso, Costantino 1R
Fettis, Henry E. 1P, 16P
Fok, V. A. 1R, 2R
Fox, E. N. 1R
Gayen, A. K. 3R
Glaser, M. L. 1P
Glasser, M. Lawrence 1P
Goddard, L. S. 1R
Goodwin, E. T. 1R, 3P
Goudet, Georges 1R
Grammel, Richard 1R
Gray, H. L. 2P
Gray, Marion C. 1R
Grimsey, A. H. R. 1R
Gröbner, Wolfgang 1R, 2R
Grundy, P. M. 1R
Gumbel, Émile J. 1R
Guttman, Irwin 3R
Hahn, Dietrich 1R
Hastings, A. E. 1R
Hastings, Cecil, Jr. 6P
Hay, H. G. 2R
Heisenberg, Werner 1R
VAN DER Held, E. F. M. 1R
Higa, K. 1U
Hovanskiĭ, A. N. 2R
Hristianovič, S. A. 1R, 2R
Hughes, William F. 1U
Jeffreys, Harold 1R, 3R
Johnson, Norman L. 6R
Johnston, S. 5U, 6U
Keller, Geoffrey 1R
Kopal, Zdeněk 1R
Kruse, U. E. 1R
Landweber, L. 1R
Lefèvre, J. 1R
Lewin, L. 1R
Lindemann, H. W. 1R
Lindman, Christian Frederik 1R, 2R
Ling, Chih-bing 1R, 2P, 3R, 8P
Lowan, Arnold N. 8R
Luke, Yudell L. 3U, 5U
MacDonald, D. K. C. 1R
MacLane, Gerald R. 1R
Masket, A. V. H. 1R, 2R
Mayot, Marcel 1R
Medhurst, R. G. 1P
Merbt, H. 1R
Meyer zur Capellen, Walther 3RE, 4E
Mitchell, K. 2R
Mond, Bertram 2R
Muggia, Aldo 1R
Murray, R. L. 1R, 2R
Nair, K. Raghavan 1R
Nekrasov, A. I. 1R
Nelson, Carl W. 1P
Ng, E. Wai-kwok 2PM
Olver, Frank W. J. 4R
Osipova, L. N. 2R
Owen, Donald B. 1R, 2R
Pearson, E. S. 5R
Pidduck, F. B. 1R
Placzek, G. 1R
Pode, Leonard 1R, 2R
Pollard, W. G. 1R
Powell, E. O. 1R
Preuss, H. 1R
Price, A. T. 1R
Rahman, A. 1R
Rhodes, P. 1R
Richman, P. L. 1P

Ritchie, R. H. 1P
Rogers, William M. 1R
Rosser, J. Barkley 1R, 4R
Rothman, M. 7U, 8U, 9U
Rosenberg, L. D. 1R
Salzer, Herbert E. 18P
Schoenberg, Isaac J. 1R, 2R
Schwatt, I. J. 1R
Scorer, R. S. 1R
Skinner, P. M. 1R
Slater, Noel B. 1R
Smith, R. C. T. 3R
Soanes, S. V. 1Q
Sokolovskiĭ, V. V. 1R
Somerville, Paul N. 1R
Spencer, Roy C. 1R
Stankiewicz, Lidia 1R
Steck, George P. 1R
Sternberg, Robert L. 1R, 2U
Stone, William Matthewson 1R
Tarassov, V. V. 1R
Teichroew, Daniel 2R
Thomas, D. E. 1R
Thompson, Gene Thomas 1P
Thompson, Rory 1P, 2U
Thorne, Charles J. 2R
Tikson, Michael 1R
Todd, John 2P
Tölke, Friedrich 2R
Truesdell, Clifford A. T. 1R
Tsukhanova, O. A. 1R
Ugarov, V. A. 1R
Vanagaĭ, V. V. 1R
Van Laethem, Marcel 1R
Walters, Lillie C. 1R
Werner, Helmut 2P
Westberg, R. 1R
White, F. E. 1Q
VAN Wijngaarden, Adriaan 1R, 7R
Wilkes, Maurice 13R
Wilson, E. M. 1R
Wood, Van E. 1P, 2P, 4P
Admiralty Research Lab. 8R
Ballistic Research Laboratories 5R
Computation Department of the Mathematical Center, Amsterdam 1R
Great Britain, H. M. Nautical Almanac Office 3R, 4R, 5R, 6R, 8R, 9R, 10R
Harvard University, Computation Laboratory 14R, 20R
National Bureau of Standards 22U, 35R
National Bureau of Standards Computation Laboratory 10R, 17R
National Physical Laboratory 5U, 7U
New York Mathematical Tables Project 5R
Radio Corporation of America 1U
Staff of the Comp. Dept. of Math. Centrum, Amsterdam 1U

7.25 Confluent Hypergeometric Functions. See Also 7. 20, 7. 30, 7. 50. 2, and 7. 50. 3

Babister, A. W. 1R
Cahill, William F. 2P
Corrington, Murlan S. 6E
Fair, Wyman G. 1P
Fields, Jerry L. 1P, 2P, 3P
Gargantini, I. 1P
Hovanskiĭ, A. N. 2R
Hunter, D. B. 2P
Jeffreys, Harold 2R, 3R
Krupp, Helmar 1R
Kuhn, T. 1R
Lebedev, N. N. 1R
Luke, Yudell L. 11P, 12P, 14P
Miller, J. C. P. 27P
Rushton, S. 2R, 3R
Slater, Lucy Joan 1R, 5R, 6E, 7R
Wimp, Jet 5P
British Association for the Advancement of Science, Mathematical Tables Centre 7P

7.25.1 Parabolic Cylinder Functions

Amos, Donald E. 1P, 2P
Archibald, Raymond Clare 13P, 21P
Darwin, Charles G. 1R
Fox, Leslie 6R
Gautschi, Walter 2P
Hodapp, Walter 1R
Johnston, J. R. 1R
Karsmenkov, N. 1R
Kireeva, I. E. 1R
MacDonald, A. D. 1R
Stanley, J. P. 1RE
Tait, R. 1P
Wells, Charles 1R
National Physical Laboratory 8R

7.25.2 Coulomb Wave Functions

Abramowitz, Milton 5R. 9R
Archibald, Raymond Clare 98P
Bloch, I. 1R
Boersma, J. 4P
Curtis, A. R. 3R
Fröberg, Carl-Erik 1R, 3U, 4R
Lowan, Arnold N. 6R, 15R
Luk´janov, A. V. 1R
Schiffer, J. P. 1R
Tait, R. 1P
National Bureau of Standards 11R, 35R
Numerical Computation Bureau, Japan 1R, 2R

7.25.3 Other Confluent Hypergeometric Functions

Archibald, Raymond Clare 13P, 21P
Bose, Purnendu Kumar 1R
Charney, J. G. 1R
Conolly, B. W. 1R
Darwin, Charles G. 1R
Fränz, K. 1R
Heatley, A. H. 1RE, 2P, 3U
Jeffreys, Harold 1R
Johnston, J. R. 1R
Korobočkin, B. I. 1R
Lowan, Arnold N. 13P
MacDonald, A. D. 1R
Middleton, David 1R
Na, Tsung Yen 1U
Nath, Pran 1R
Nicholson, J. W. 1E
Ray, W. D. 1R
Skoblja, N. S. 1R
Srivastava, H. M. 1P
Žurina, M. I. 5R
Admiralty Research Lab. 6R
National Bureau of Standards Computation Laboratory 12R, 18R

7.30 Bessel Functions

Archibald, Raymond Clare 13P, 93P
Bouwkamp, Christoffel Jacob 1R, 2R
Luke, Yudell L. 13RE
Salzer, Herbert E. 63E
Slater, Lucy Joan 5R
Watson, George Neville 1RE

7.30.1 General Treatment

Archibald, Raymond Clare 37P
Arscott, F. M. 2R
Babister, A. W. 1R
Churchill, Ruel V. 3R
Hildebrand, Francis B. 1R
Jeffreys, Harold 2R

Lebedev, N. N. 1R
McLachlan, N. W. 4R, 7R
Robin, Louis 3R
Sagan, Hans 1R
Snyder, Martin Avery 1R

7.30.2 Approximations and Expansions

Abramowitz, Milton 3P
Airey, J. R. 4R, 5R
Allen, E. E. 1P, 2PR, 3R
Arthurs, A. M. 1P
Bark, L. S. 2R
Bickley, W. G. 4R, 5R
Bierlein, James A. 1R
Burgoyne, F. D. 1P, 4P
Clenshaw, C. W. 2P, 4R, 5R
Copson, Edward T. 1R
Dempsey, E. 1P
Erber, Thomas 1P
Fair, Wyman G. 1P
Fettis, Henry E. 1P, 14R
Fields, Jerry L. 1P, 2P
Gargantini, I. 1P
Goldstein, M. 1P, 2P
Hart, John F. 1RE
Hastings, Cecil, Jr. 6P
Hitchcock, A. J. M. 1P
Hunter, D. B. 1P, 2P
Jeffreys, Harold 3R
Lear, James D. 1P
Lehmer, Derrick Henry 2P, 7P
Luke, Yudell L. 11P, 12P, 14P
McNamee, John 1P
Mechel, Fr. 1P
Miller, J. C. P. 3P, 12R
Mursi, Zaki 2R
Olver, Frank W. J. 5R, 7P
Onoe, Morio 2R
Razelos, P. 1P
Roman, Irwin 5U
Smith, D. B. 1E
Stegun, Irene A. 1P
Tikson, Michael 1R
Wimp, Jet 3P, 5P

7.30.3 Series of Bessel Functions

Abbott, Wilton R. 1R
Amos, Donald E. 2P
Archibald, Raymond Clare 21P
Barakat, Richard G. 1P
Bickley, W. G. 3P
Blanch, Gertrude 11R, 12R
Boersma, J. 3P
Booth, Andrew Donald 7PR
Buchholz, Herbert 1R
Carter, A. H. 1R
Cherry, Thomas MacFarland 1R
Chu, Chiao-Min 1R
Clenshaw, C. W. 3P
Corrington, Murlan S. 2R
Dekanosidze, E. N. 1R, 2R
Den, Chi Fu 1P
Ditkin, V. 5R
Elliott, David L. 2P
Fields, Jerry L. 1P
Forsyth, Andrew Russell 1E
Fröberg, Carl-Erik 4R
Hart, John F. 1RE
Hummer, David G. 1P
Infeld, Leopold 1R
Jaeger, J. C. 2R
Kotani, Masao 2R
Kuhn, T. 1R
Kuznecov, P. I. 1R
Lehmer, Derrick Henry 6P 6P
Luke, Yudell L. 11P, 12P
Macfarlane, G. G. 2R
Mack, Lawrence R. 1P
Mangulis, V. 1RE, 2E
Marčuk, G. I. 1R
McQueary, Charles E. 1P
Merbt, H. 1R
Ng, E. Wai-kwok 1U
Olver, Frank W. J. 2R
VAN DER Pol, Balth 3R
Robin, Louis 3R
Schwarz, L. 1R
Silver, Samuel 1R
Snow, Chester 1R
Stenzel, H. 2R
Stracton, J. A. 1R, 2R
Stuckey, M. M. 1R
Todd, John 2P
Tung, Shih-hsiung 1P
Verma, Arun 5P
Wheelon, Albert D. 2R
Wimp, Jet 1P, 3P
Wolf, Emil 1R
Žurina, M. I. 3R, 6R
Admiralty Research Lab. 6R
National Bureau of Standards Computation Laboratory 10R

7.30.4 Integrals of Bessel Functions

Abbott, Wilton R. 1R
Boersma, J. 3P
Ditkin, V. 5R
Fettis, Henry E. 4E
Hastings, Cecil, Jr. 5P, 7R
Heatley, A. H. 1R
Hitchcock, A. J. M. 1P
Hunter, D. B. 2P
Kilpatrick, John E. 3P
Lewis, Richard L. 1P
Longman, Ivor M. 1P, 3P
Luke, Yudell L. 11P
Mack, Lawrence R. 1P
Nelson, Carl W. 1P
Newman, J. N. 1P
Oberhettinger, Fritz 8R
Pearson, Carl E. 2P
Roberts, Jerry Allan 1P
Schulz-DuBois, E. O. 1P
Van Tuyl, A. H. 1P
Wheelon, Albert D. 1U, 2R
Zartarian, Garabed 1R

7.30.5 Tables

Archibald, Raymond Clare 21P, 55P
Blanch, Gertrude 4P
Olver, Frank W. J. 6R
British Association for the Advancement of Science, Mathematical Tables Centre 7P

7.30.5.1 $J_n(z)$, $Y_n(z)$, $H_n^{(1)}(z)$, $H_n^{(2)}(z)$, n a positive integer or zero

Aggarwal, H. R. 1U
Airey, J. R. 7E
Akušskiĭ, Ju. A. 6E
Archibald, Raymond Clare 24E, 41P, 44P, 73Q, 87P, 106Q
Bateman, Harry 8P
Bickley, W. G. 4R
Bloch, A. 1R
Booth, Andrew Donald 7PR
Bordoni, Piero Giorgio 1R
Burger, A. P. 1Q
Cambi, Enzo 1U, 4RE
Čistova, È. A. 1R
Collie, C. H. 1R
Comfort, Edwin G. H. 1P
Comrie, L. J. 2U
Corrington, Murlan S. 1R, 2R
Cosens, C. R. 1Q
Day, James Thomas 2P
Ditkin, V. 5R
Dunski, Ch. Vital 1R
Dwight, Herbert Bristol 3RE, 6E
Eckert, W. J. 1P
Erdélyi, Arthur 6Q
Faddeeva, V. N. 1R
Fowle, F. E. 2E
Fox, Leslie 3R
Frevel, L. K. 4U
Fukamiya, Fasanori 1U
Goldman, S. 1R
Goodwin, E. T. 2R
Gray, Marion C. 1R
Hartree, Douglas 7R

Hayashi, Kenji 1R
Heténi, Miklós 1R
Hildebrand, Francis B. 1R
Isaacs, Rufus Philip 1R
Jahnke, Eugene 3E
Jones, R. Clark 1R
Kinzer, J. P. 1R
Lansraux, Guy 1R
Ljusternik, L. A. 1R
Longman, Ivor M. 1P
Lowell, Herman H. 1RE
Luke, Yudell L. 4R
Manterfield, D. 1R
McClain, J. W. 1RE
McLachlan, N. W. 7R
Mechel, Fr. 2P
Meissel, E. 1E
Miller, J. C. P. 12R
Mock, Owen R. 3U
Morse, Philip M. 6E
Müller, Wolfdietrich 1E
Nordsieck, Arnold 1P
Nosova, L. N. 1R
Onoe, Morio 2R, 3R
Pachner, Jaroslav 1R
Pidduck, F. B. 1R
Rademacher, Hans A. 1R
Reissner, Eric 1R
Silberstein, L. 2E
Slaymaker, Frank H. 1R
Smirnov, A. D. 1R
Smith, Carl E. 1R
Spira, Robert 3U
Stenzel, H. 1R, 2R
Tadman, K. G. 1R
Tait, R. 1P
Tölke, Friedrich 1R
Walther, O. A. 1U
Young, Andrew 2R
Zubkov, P. I. 1R
Akad. Nauk. SSSR, Leningrad, Mat. Inst. V. A. Steklova 2R
British Association for the Advancement of Science, Mathematical Tables Centre 3R, 10R
Computation Department of the Mathematical Center, Amsterdam 1R
Federal Telephone and Radio Corporation 1R
Great Britain, Admiralty Computing Service 5R
Great Britain, H. M. Nautical Almanac Office 3R
Great Britain, Post Office Research Station, Central Radio Bureau 1R
Harvard University, Computation Laboratory 3RE, 5R, 6R, 8R, 9R, 11R, 13R, 16R, 19R, 21R
National Bureau of Standards 14R, 15R
National Bureau of Standards Computation Laboratory 1R, 5R, 8R, 14R
National Defense Research Committee 3R, 4R
New York Mathematical Tables Project 12U, 15U, 18R, 23E, 26R
Numerical Computation Bureau, Japan 2R
U. S. Navy, Offices of Research and Inventions 1R

7.30.5.2 $J_\nu(z)$, $Y_\nu(z)$, ν integral

Betchov, Robert 1R
Bordoni, P. G. 2R
Brenner, H. 1R
Buckholz, Herbert 2R
Cetaev, N. G. 1E
Chandrasekhar, S. 6R
Chang, Wei 1R
Dube, G. P. 2R
Fok, V. A. 1R, 2R
Fox, Leslie 6R
Crowder, H. K. 1U
Hildebrand, F. B. 1R
Jones, R. Clark 1R
Karas, K. 1R, 2R
Kautz, William H. 1R
Karpov, K. A. 5R
Lehmer, D. H. 7P
Leitner, Alan L. 1R
Logan, N. A. 1U
Macfarlane, D. K. C. 1R
Mechel, Fr. 2P
Miles, John W. 1R
Miller, J. C. P. 19R
Mursi, Zahi 2R
Nosova, L. N. 2R
Olver, F. W. J. 5R
Onoe, Morio 1P, 3R
Osipova, L. N. 1R, 2R
Papas, Charles H. 1R
Rothman, M. 4U, 5U, 8U, 10U
Rydbeck, D. E. H. 1R
Sadler, D. H. 1P
Salzer, H. E. 20P
Schwarz, L. 1R
Scorer, R. S. 1R
Sherry, M. E. 2R
Smirnov, A. D. 1R
Spence, R. D. 1R, 2R
Stenzel, H. 2R
Tumarkin, S. A. 1R, 2R, 3R
Walther, O. A. 1U
Woodward, A. M. 1R
Wray, W. J., Jr. 1R
Great Britain Admiralty Computing Service 1R
Great Britain, H. M. Nautical Almanac Office 9R
National Bureau of Standards Computation Laboratory 7RE
National Bureau of Standards Math Tables Project 2RE, 3RE
National Defense Research Committee 3R
New York Mathematical Tables Project 12U, 26R, 40U
Project for Computation of Math Tables 1U
Tokyo Numerical Computation Bureau 1R
University of Toronto Computation Centre 1U
U. S. Navy 1R

7.30.5.3 $I_n(z)$, $K_n(z)$, n a positive integer or zero

Aitchison, John 2R
Archibald, Raymond Clare 41P, 44P, 48P, 72P, 73Q
Bark, L. S. 3R
Bateman, Harry 8P
Bloch, A. 1R
Bose, Purnendu Kumar 1R, 2RE, 4RE
Collie, C. H. 1R
Colwell, R. C. 1E
Dalgarno, Alec 1P
Ditkin, V. 5R
Dunski, Ch. Vital 1R
Eckert, W. J. 1P
Fettis, Henry E. 17U
Fox, Leslie 3R
Gellman, Harvey 1R
Gershun, A. A. 1E
Goldstein, Sydney 2E
Gordon, Alan 1R
Gumbel, Émile J. 4R
Hayashi, Kenji 1R
Heténi, Miklós 1R
Hildebrand, Francis B. 1R
Jahnke, Eugene 3E, 5RE
Jones, F. Burton 1U
Karmazina, L. N. 3R
Lehmer, Derrick Henry 2P
Lowell, Herman H. 1RE
Luke, Yudell L. 2U, 4R
McClain, J. W. 1RE
McLachlan, N. W. 7R
Miller, J. C. P. 3P
Morgan, Samuel P. 1R
Nosova, L. N. 1R
Okaya, Tokiharu 2E
Olver, Frank W. J. 2R
Onoe, Morio 2R
Patnaik, P. B. 1R
Reissner, Eric 1R
Rushton, S. 2R, 3R
Shibagaki, Wasao 1R
Slaymaker, Frank H. 1R
Spira, Robert 3U
Stenzel, H. 1R
Tait, R. 1P

Takagi, Mitiyasu 1R
Tölke, Friedrich 1R
Walther, O. A. 1U
Wrinch, H. E. H. 1E
Young, Andrew 2R
Zubkov, P. I. 1R
Admiralty Research Lab. 6R
Akad. Nauk. SSSR 2RE
British Association for the Advancement of Science, Mathematical Tables Centre 3R, 10R
Great Britain, Admiralty Computing Service 5R
Great Britain, H. M. Nautical Almanac Office 4R
Harvard University, Computation Laboratory 20R
National Bureau of Standards 14R, 15R
National Bureau of Standards Computation Laboratory 1R, 8R, 14R, 17R
National Bureau of Standards Institute for Numerical Analysis 1R
New York Mathematical Tables Project 12U, 14U, 15U, 23E
Numerical Computation Bureau, Japan 1R

7.30.5.4 $I_\nu(z)$, $K_\nu(z)$, ν nonintegral

Aitchison, John 2R
Barnett, M. P. 1R
Bursian, V. R. 1R
Carsten, H. R. F. 1R
Cerrillo, Manuel 1R
Chang, Wei 1R
Dalgarno, Alec 1P
Dinnik, A. 1R
Domb, C. 1R
Dougherty, H. T. 1R
Dube, G. P. 2R
Erber, Thomas 1P
Fok, V. A. 1R, 2R
Fox, Leslie 6R
Hildebrand, Francis B. 1R
Jahnke, Eugene 6E
Lear, James D. 1P
Luke, Siu-Kay 1R
Miles, John W. 1R
Miller, J. C. P. 19R
Mursi, Zaki 2R
Nosova, L. N. 2R
Osipova, L. N. 1R, 2R
Rothman, M. 3R, 4U, 5U, 7U, 10U
Rydbeck, Olof E. H. 1R
Salzer, Herbert E. 20P
Scorer, R. S. 1R
Singh, K. L. 1R
Todd, John 2P
Vinogradov, I. M. 2E
Wilkes, Maurice 5R
Woodward, P. M. 1R
Žurina, M. I. 7R
Akad. Nauk. SSSR 2RE
Great Britain, Admiralty Computing Service 1R
Great Britain, H. M. Nautical Almanac Office 9R
Harvard University, Computation Laboratory 1R
National Bureau of Standards Computation Laboratory 7RE, 9R
New York Mathematical Tables Project 12U
Project for Computation of Math Tables 1U
Royal Society Mathematical Tables Committee 1R

7.30.5.5 Zeros of Equations Involving Bessel Functions

Abramowitz, Milton 3P
Archibald, Raymond Clare 25E, 87P
Bateman, Harry 4Q, 8P, 9P
Bates, J. M. 1E
Bauer, Helmut F. 1P
Bell, R. P. 1R
Bickley, W. G. 4R, 6R
Bierlein, James A. 1R
Blanch, Gertrude 5P
Bogert, B. 2R
Bourget, J. 1E
Bremmer, Hendricus 1R
Bridge, John F. 1P
Carslaw, H. S. 1R
Chandrasekhar, S. 6R, 7R
Comfort, Edwin G. H. 1P
Delves, L. M. 4P
Dinnik, A. N. 1E
Döring, Boro 1P
Dube, G. P. 1R
Durant, N. J. 1R
Dwight, Herbert Bristol 5R
Faddeeva, V. N. 1R
Fettis, Henry E. 14R, 19R
Forsyth, Andrew Russell 1E
Gerber, Henry 1P
Goodwin, E. T. 2R
Hillman, Abraham P. 6P
Hofsommer, D. J. 1P
Jones, R. Clark 1R
Laslett, L. Jackson 3P
Lehmer, Derrick Henry 6P, 7P
Ljusternik, L. A. 1R
Logan, N. A. 1U
Longman, Ivor M. 1P
Lowan, Arnold N. 12R
Lubkin, J. L. 1R
Macfarlane, G. G. 1R
Manterfield, D. 1R
McLachlan, N. W. 7R
Miller, J. C. P. 12R, 19R
Muskat, M. 1E
Olver, Frank W. J. 4R, 5R
Pachner, Jaroslav 1R
Pooler, L. G. 1P
Radok, Jens Rainer Maria 1P
Roman, Irwin 5U
Salzer, Herbert E. 48P
Sherry, M. E. 2R
Silver, Samuel 1R
Smirnov, A. D. 1R
Smith, D. B. 1E
Switzer, Keith A. 1R
Thiruvenkatachar, V. R. 1R
Vallarta, Manuel Sandoval 1R
Walther, O. A. 1U
Weil, Joyce 1P, 2RUM
Great Britain, Admiralty Computing Service 1R
Harvard University, Computation Laboratory 1R
National Bureau of Standards 35R
National Bureau of Standards Computation Laboratory 2R
National Defense Research Committee 4R
New York Mathematical Tables Project 38P

7.30.5.6 Integrals of Bessel Functions

Abdel-aty, S. H. 2R
Archibald, Raymond Clare 44P, 98P, 102Q
Bark, L. S. 3R
Bateman, Harry 8P
Bennett, W. R. 1R
Bordoni, Piero Giorgio 1R
Bose, Purnendu Kumar 2RE, 4RE
Bouwkamp, Christoffel Jacob 4R
Brinkley, Stuart R., Jr. 1U, 3U
Bullard, E. C. 1R
Burgoyne, F. D. 5P
Butler, Terence 1R
Chowdhury, S. B. 1R
Čistova, E. A. 1R
Crowley, T. H. 1U
Daniels. H. E. 1R
DiDonato, A. R. 4P
Dorodnicyn, A. A. 1R
Eason, George 1R
Evans, Robley D. 1Q
Ferentz, M. 1U

Fettis, Henry E. 2P
Fix, Evelyn 1R
Frisch-Fay, R. 1U
Fröberg, Carl-Erik 7R
Greenwood, Joseph Arthur 4R
Gumbel, Émile J.
Haberman, W. L. 1E
Hagen, G. B. 1R
Harvey, Athena 1U
Hay, H. G. 1R, 2R
Heatley, A. H. 1RE, 2P
Hogg, A. H. A. 1R
Horton, C. W. 2R
Howarth, L. 1R
Hoyt, Ray S. 1R
Jaeger, J. C. 1R, 4R
Johnston, S. 5U, 6U
Karmazina, L. N. 3R
Katsura, Shigetoshi 7U
Kilpatrick, John E. 2U, 3P
Kinzer, J. P. 1R
Knudsen, H. Lottrup 1R
Levine, Harold I. 1R
Longman, Ivor M. 1P, 3P
Lowan, Arnold N. 4R, 5R
Luke, Yudell L. 2U
Mack, C. 1U
Masket, A. V. H. 1R, 2R
McQueary, Charles E. 1P
Miles, John W. 1R
Muller, G. M. 1R
Murray, R. L. 1R, 2R
Nelson, Carl W. 1P
Newman, J. N. 1P
Nomura, Yasutoshi 1R
Olver, Frank W. J. 4R
Opler, Ascher 6R
Osipova, L. N. 1R, 2R
Osterberg, Harold 1U
Pidduck, F. B. 1R
Pollard, W. G. 1R
Rice, Stephen O. 2R
Riley, John A. 1P
Roberts, Jerry Allan 1P
Rothman, M. 1R, 2R, 3R, 6U, 9U
Salzer, Herbert E. 76P
Schwarz, L. 2E
Singh, K. L. 1R
Todd, John 2P
Ward, G. N. 1R
Weeg, Gerard P. 1P
Weingarten, Harry 2P
Wilson, E. M. 1R
Admiralty Research Lab. 1U, 2R
Computation Department of the Mathematical Center, Amsterdam 1R
Great Britain, H. M. Nautical Almanac Office 10R
National Bureau of Standards 22U, 35R, 42R
National Physical Laboratory 3U, 4U
RAND Corporation 1R

7.35 Lommel Functions, Struve Functions, Anger-Weber Functions and Associated Bessel Functions

Abramowitz, Milton 6R
Archibald, Raymond Clare 13P, 21P, 44P, 55P
Babister, A. W. 1R
Bark, L. S. 2R
Barrett, Rolin F. 1U
Bernard, Gary D. 1R
Boersma, J. 3P
Clark, Robert A. 1R
Dekanosidze, E. N. 1R, 2R
Ditkin, V. 5R
Gellman, Harvey 1R
Gershun, A. A. 1E
Godfrey, G. H. 1R
Goldstein, Sydney 2E
Horton, C. W. 1Q, 2R
Kuznecov, P. I. 1R
Luke, Yudell L. 13RE
Ng, E. Wai-kwok 1U
Nosova, L. N. 2R
Pidduck, F. B. 1R
Pollard, W. G. 1R
Rothman, M. 3R, 7U, 8U, 9U
Scorer, R. S. 1R
Watson, George Neville 1RE, 4E
Wimp, Jet 3P, 5P
British Assn. 7P
Great Britain, H. M. Nautical Almanac Office 4R
National Bureau of Standards 2R, 35R, 42R
National Bureau of Standards Computation Laboratory 16R

7.40 Legendre Functions

Airey, J. R. 3R
Albasiny, Ernest L. 1R
Archibald, Raymond Clare 13P, 21P, 66PR
Arscott, F. M. 2R
Babister, A. W. 1R
Bateman, Harry 1Q
Bates, D. R. 1R
Belousov, S. L. 1R, 2R
BenDaniel, David J. 1R
Berger, Bruce S. 1P
Berry, James G. 1U
Bouwkamp, Christoffel Jacob 6R
Brown, G. E. 1R
Buchler, Robert J. 1R
Carrus, Pierre A. 1R
Churchill, Ruel V. 3R
Dalgarno, Alec 1P
De Nockere, Georgette 1R
Egersdorfer, R. 1E
Farr, C. C. 1E
Fehlberg, Erwin 1R
Fukamiya, Fasanori 1U
Gray, Marion C. 2R
Gutschick, Vincent P. 1U
Hildebrand, Francis B. 1R
Jeffreys, Harold 2R
Katsura, Shigetoshi 3R
Kotani, Masao 1R
Lewis, Richard L. 1P
Low, Roger D. 1P
Lynam, M. E. 1R
Magnus, Wilhelm 7E
Meixner, Josef 1R
Miller, James 3P
Mond, Bertram 2R
Mursi, Zaki 1R
Murty, Tadepalli S. 3U
Oberhettinger, Fritz 8R
Otis, A. B., Jr. 1P
Paran, E. 1R
Preuss, H. 1R
Prévost, G. 1R
Robin, Louis 1R, 2R, 3R, 4E
Rotenberg, A. 1P
Sarmousakis, James Nicholas 1U
Siegel, Keeve M. 1R, 2R, 3R
Snow, Chester 1R
Stratton, J. A. 2R
Stuckey, M. M. 1R
Suschowk, Dietrich K. 1P
Tait, R. 1P
Tallqvist, A. H. H. 1E
Tallqvist, Hj. 2R
Vandrey, Friedrich 1R, 2R
Van Tuyl, A. H. 1P

Wilcox, Peter H. 1P
Žurina, M. I. 1R, 2R, 3R, 4R, 6R
Centre National D'Études des Télécommunications 1RE, 2R
Great Britain, Admiralty Computing Service 6E
New York Mathematical Tables Project 13U, 37R

7.45 Gaussian Hypergeometric Functions. See Also 7. 40, 7. 50. 1 and 7. 55. 1

Babister, A. W. 1R
Cahill, William F. 2P
Elliott, David L. 4P
Fair, Wyman G. 1P
Fields, Jerry L. 1P, 3P
Fletcher, Alan 5P
Gargantini, I. 1P
Glaser, M. L. 1P
Hildebrand, Francis B. 1R
Hovanskiĭ, A. N. 2R
Lavoie, Jean-Louis 2P
Lebedev, N. N. 1R
Lewin, L. 1R
Luke, Yudell L. 12P
Mond, Bertram 2R
Schwatt, I. J. 1R
Slater, Lucy Joan 7R
Wimp, Jet 6P
International Business Machines Corporation 6R

7.45.1 Incomplete Beta Functions and Related Functions

Alexander, M. J. 1R
Amos, Donald E. 2P
Arley, Niels 1R
Bargmann, Rolf E. 1R
Bizley, M. T. L. 1R
Brockmeyer, E. 2R
Burrau, oyvind 1R
Cole, La Mont C. 1R
DiDonato, A. R. 5P
Fieller, E. C. 1R
Fisher, Ronald Aylmer 2RE
Gayen, A. K. 1R, 2R
Gilbert, Daniel L. 1U
Hartley, H. O. 5R
Jordan, Charles 1PR
Mainland, Donald 1R
Merrington, Maxine 2R
Nanda, D. N. 1R
Osborn, David 1PM
Pearson, E. S. 8R
Pearson, Karl 1E
Romig, Harry G. 1R
Salton, Gerard 1P
Simon, Leslie E. 1R
Smirnov, Nikolaĭ Vasil'evič 2R
Smith, Ed Sinclair 1R
Teichroew, Daniel 2R
Toothman, H. L. 1R
Weintraub, Sol 1R
VAN Wijngaarden, Adriaan 5R
Wynn, Peter 3P
Ballistic Research Laboratories 3U
Bell Telephone Laboratories 1R
Harvard University, Computation Laboratory 25R
National Bureau of Standards 8R, 16E, 47E
New York Mathematical Tables Project 39R

7.45.2 Inverse of Beta Functions

Clark, Robert E. 1R
Federighi, Enrico T. 1R
Foster, F. G. 3R, 4R, 5R
Grubbs, Frank E. 1R
Pearson, E. S. 8R
Smirnov, Nikolaĭ Vasil'evič 2R
Sterne, Theodore Eugene 2R
Teichroew, Daniel 2R
Thompson, Catherine M. 1R

7.45.3 Other Gaussian Hypergeometric Functions

Amos, Donald E. 1P
Arndt, L. 1E
Bisshopp, K. E. 1R, 2R
Carter, A. H. 1R
Cherry, Thomas MacFarland 2R
Frankl, F. I. 1R
Gnedenko, B. V. 1R
Grammel, Richard 1R
Hammersley, J. M. 2R, 3R
Huckel, Vera 1R
Kourganoff, V. 2R
Lieberman, Gerald J. 5R
Ninham, Barry W. 2P
Petschacher, Martha 1R
Rawling, G. 1R
Riordan, John 5R
Shimpuku, Taro 1R
Srivastava, H. M. 1P
Taguti, Gen-iti 1R
Van Tuyl, A. H. 1P
Yuan, Shuen 1R
New York Mathematical Tables Project 42U

7.50 Orthogonal Polynomials and Orthogonal Functions. For tables of zeros and weights see 2. 10. 2, 2. 10. 3

Alt, Franz L. 7R
Boas, Ralph Philip, Jr. 1R
Davis, Philip J. 7R
Kantorovič, L. V. 1R
Krylov, Vladimir Ivanovich 4R
Langer, Rudolph E. 3R
Lebedev, N. N. 1R
Ljusternik, L. A. 3R
Natanson, Isidor Pavlovič 1R
Smith, Francis J. 1P
Stroud, Arthur H. 15R
Tallqvist, Hj. 5E
Wimp, Jet 6P

7.50.1 Jacobi Polynomials, including Legendre and Chebyshev Polynomials

Arsham, Isabelle 1RE
Arthurs, A. M. 1P
Barakat, Richard G. 1P
Barnett, M. P. 1R
Bateman, Harry 11R
Bellman, Richard E. 1P
Belousov, S. L. 1R, 2R
BenDaniel, David J. 1R
Booth, Andrew Donald 7PR
Bouwkamp, Christoffel Jacob 1R, 2R, 6R
Burgoyne, F. D. 7P
Chu, Chiao-Min 1R
Clark, George C. 1R
Clenshaw, C. W. 2P, 3P, 4R, 5R
Cody, W. J. 2P
Colombani, Antoine 1R
Dahlquist, Germund G. 2P
Denman, Harry H. 4R
De Nockere, Georgette 1R
Duncan, W. J. 1R
Egersdorfer, R. 1E
Elliott, David L. 1P, 2P, 3P
Fields, Jerry L. 1P, 3P
Fox, Leslie 4R
Grover, Frederick W. 1R
Gumprecht, R. O.

1R, 3R
Gutschick, Vincent P. 1U
Hageman, Louis A. 1P
Hart, John F. 1RE
Hofsommer, D. J. 1P
Holdeman, Jonas T., Jr. 1P
Hummer, David G. 1P
Jones, C. W. 2R, 4U
Jordan, C. 1E
Jordan, Charles 1PR
Karmazina, L. N. 2R
Katsura, Shigetoshi 3R
Kelisky, Richard P. 1P
Kershaw, D. 1P
Kraitchik, M. 1R
Lane, W. 1R
Lehmer, Derrick Henry 18Q
Lewis, Richard L. 1P
Luke, Yudell L. 10P, 12P, 14P
Mangulis, V. 1RE
McIntosh, Harold V. 1R
McLaren, A. D. 1P
Miller, J. C. P. 18R
Miller, James 3P
Milne, William Edmund 4E
Mond, Bertram 2R
Murty, Tadepalli S. 3U
Ng, E. Wai-kwok 2PM
Niskanen, E. 1R
Olver, Frank W. J. 1R, 7P
Otis, A. B., Jr. 1P
Paran, E. 1R
Pluvinage, Philippe 1R
Preuss, H. 1R
Robin, Louis 2R, 3R
Sagan, Hans 1R
Salzer, Herbert E. 21P, 25U
Sankar, R. 1P
Schwarz, L. 1R
Scraton, R. E. 1P
Serebriĭskiĭ, Ia. M. 1R, 2R
Smith, Edwin Raymond 2R
Snyder, Martin Avery 1R
Spielberg, Kurt 1P
Stiefel, Eduard L. 2R
Tadman, K. G. 1R
Tallqvist, Hj. 1R, 3E, 4E
Teichroew, Daniel 2R
Thompson, Gene Thomas 1P
Tölke, Friedrich 3R
Tooper, Robert F. 1P
Wheelon, Albert D. 2R
Wimp, Jet 1P, 3P, 5P
Wood, Van E. 2P, 3P, 4P
Zweiling, Klaus 1R
British Association for the Advancement of Science, Mathematical Tables Centre 6R, 7P
National Bureau of Standards 12R, 43R
National Bureau of Standards Computation Laboratory 10R
National Physics Laboratory, London 3R
New York Mathematical Tables Project 9U, 37R, 40U

7.50.2 Laguerre and Generalized Laguerre Polynomials

Aĭzenštat, V. S. 2R
Burgoyne, F. D. 6P
Campbell, Edwin S. 2P
Fields, Jerry L. 1P
Gillis, Joseph E. 2P
Head, J. W. 1RE
Lord, R. D. 1P
Luke, Yudell L. 12P
Miller, James 3P
Mond, Bertram 2R
Ormonde, Stephan 1P
Pekeris, Chaim L. 1R
Salzer, Herbert E. 16U, 35U
Slater, Lucy Joan 4R
Solodovnikov, V. V. 2R
Srivastava, H. M. 1P
Tricomi, Francesco Giacomo 1R, 2R, 4R
Weiss, George H. 2P
Wiener, Norbert 2R
Wilkins, J. Ernest, Jr. 1U, 2R

7.50.3 Hermite Polynomials

Berljand, O. S. 1R
Blanch, Gertrude 4P
Charlier, C. V. L. 1R
Chiarella, C. 1P
Cook, Edward M. 1R
Glover, J. W. 1RE
Hodapp, Walter 1R
Jørgensen, N. R. 1E
Marcum, J. I. 1R
Na, Tsung Yen 1U
Pekeris, Chaim L. 1R
Rosser, J. Barkley 1R
Russell, J. B. 1RE
Salzer, Herbert E. 26P, 50P
Smirnov, Nikolaĭ Vasil'evič 3R
Smith, Edwin Raymond 1R
Vallarta, Manuel Sandoval 1R
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 9R
Harvard University, Computation Laboratory 22R
New York Mathematical Tables Project 12U

7.50.4 Other Orthogonal Polynomials

Anderson, Robert L. 1RE
Atkin, A. O. L. 2P
Berger, Bruce S. 1P
Bergland, G. D. 2P
Bergman, Stefan 5P
Birge, Raymond T. 2RE
Blanch, Gertrude 4P
Brown, W. F., Jr. 1U
Dahlquist, Germund G. 2P
Davis, Harold T. 7R
Delury, Daniel 1R
Fisher, Ronald Aylmer 2RE
Gautschi, Walter 4P
Golub, Gene Howard 3PM
Greenspan, Samuel 1R
Guest, P. G. 1U, 2R
Hald, A. Hjorth 2R
Hirsch, P. M. 1P
Hochstrasser, U. W. 1P
Holdeman, Jonas T., Jr. 1P
Klopfenstein, R. W. 1P
Laning, J. Halcomb, Jr. 1R
Mond, Bertram 1P
Okaya, Tokiharu 1R
Pike, E. W. 1U
Skoblja, N. S. 1R
Stoller, David S. 1P, 2U
Wynn, Peter 3P

7.50.5 Orthogonal Functions, Fourier Series, Trigonometric Series

Andersen, C. M. 1R
Anderson, Robert L. 2R
Archibald, Raymond Clare 21P, 98P
Arscott, F. M. 2R
Ashour, Attia A. 1PR
Bari, N. K. 1R
Berger, Bruce S. 1P
Bickley, W. G. 2P, 3P

Blanch, Gertrude 2R, 3R, 11R, 12R
Boas, Ralph Philip, Jr. 2P
Booth, Andrew Donald 6P
Brown, S. Leroy 4R
Campbell, George A. 1R
Church, Robert F. 1P
Churchill, Ruel V. 3R
Cohn, Harvey 1P
Cooley, James W. 2P
Daniels, F. B. 1R
Donnay, J. D. H. 1R
Emersleben, Otto 8R
Fletcher, Alan 5P
Ginsberg, F. 1P
Graves, Ross E. 1U
Gray, Harry J., Jr. 1R
Greenspan, Samuel 1R
Guter, R. S. 1R
Haber, Seymour 5P
Hägg, G. 1R
Hansen, Eldon R. 1P
Jagerman, David L. 1P
Jordan, Charles 1PR
Kammler, David W. 1P
Kaplan, Wilfred 1R
Kirkpatrick, E. T. 1P
Kitover, K. A. 1R
Lehmer, Derrick Henry 26U, 32U
Lehmer, Emma 3PR, 4U
Lehner, Joseph 1R
Llewellyn, F. J. 1R
Lowan, Arnold N. 8R
Lubkin, Samuel 1E
Luke, Yudell L. 15P
Mack, Lawrence R. 1P
Mangulis, V. 1RE, 2E
McLachlan, N. W. 2R, 3R
Miller, J. C. P. 18R
Millington, G. 1P
Mond, Bertram 2R
VON Neumann, Johann 7P
Newbery, A. C. R. 4P
Olunloyo, V. O. S. 1P
Otis, A. B., Jr. 1P
Perlin, Irwin E. 1P
Pollak, L. W. 4R
Rademacher, Hans A. 1R
Ribière-Michaud, Françoise 1R
Rice, John R. 3R
Rudnick, Philip 2P
Rybner, Jørgen 1R
Sagan, Hans 1R
Salzer, Herbert E. 33R, 58U, 69R, 77P
Scherberg, Max G. 1P
Schoenberg, Isaac J. 1R
Schwatt, I. J. 1R
Shanks, Daniel 8P, 12P
Sheldon, John W. 3P
Shimizu, H. 1R
Smith, Robert W., Jr. 3R
Smith, Wayne E. 1P
Sparks, R. A. 1R
Spencer, Roy C. 1R
Sternberg, Robert L. 2U
Stevenson, A. C. 1R
Stuart, R. D. 1R
Stumpff, Karl 1R
Tölke, Friedrich 3R
Tung, Shih-hsiung 1P
Vand, Vladimir 1R, 2R
Waite, J. M. 1Q
Wheelon, Albert D. 2R
Zipperer, L. 1R
Computation Department of the Mathematical Center, Amsterdam 1R
Great Britain, H. M. Nautical Almanac Office 7R
New York Mathematical Tables Project 29RE, 36RE

7.55 Elliptic Integrals, Functions and Related Functions

Adams, E. P. 1E, 3E
Fletcher, Alan 5P
Gröbner, Wolfgang 1R
Jeffreys, Harold 2R
Milne-Thomson, L. M. 3R
Oberhettinger, Fritz 4RE
Sauer, Robert 2R

7.55.1 Incomplete and Complete Integrals of the First, Second and Third Kinds

Airey, J. R. 3R
Archibald, Raymond Clare 11P, 13P, 21P, 40P
Bartberger, C. L. 1R
Beljakov, V. M. 1R, 2R, 3R
Blewett, John P. 1R
Boersma, J. 2P
Bohlin, K. 1E
Byrd, Paul F. 2E
Cambi, Enzo 3R
Cody, W. J. 1P, 2P
Crossley, F. R. Erskine 1R
Curtis, A. R. 2R
DiDonato, A. R. 1R
Eason, George 1R
Fair, Wyman G. 4P
Fettis, Henry E. 2P, 4E, 5P, 6RE, 7U, 8U, 9U, 10R, 12U, 18R
Fisherkeller, M. A. 1U
Fletcher, Alan 6Q, 10R
Fletcher, Allan 2R
Franke, Charles H. 1P
Freeman, J. G. 1R
Fröberg, Carl-Erik 6R
Glazenap, S. P. 1E
Grover, Frederick W. 1R
Hammersley, J. M. 2R, 5R
Hancock, Harris 1E
Hart, John F. 1RE
Hastings, Cecil, Jr. 7R
Hayashi, Kenji 1R
Henderson, F. M. 1RE
Heuman, Carl August 1R
Hristianovič, S. A. 1R
Irwin, John B. 1R
Jahnke, Eugene 3E
Kaplan, Edward L. 1R, 2R, 3R
King, G. W. 3R, 4R
Kopal, Zdeněk 1R
Lang, H. A. 1P
Legendre, A. M. 1R, 2E, 3E
Levy, Lawrence S. 1E
Ling, Chih-bing 9P, 11U
Luke, Yudell L. 12P, 13RE, 18P
Magnus, Wilhelm 8E, 12E
Masket, A. V. H. 1R, 2R
Nellis, W. J. 1P
Osborn, J. A. 1R
Osipova, L. N. 1R, 2R
Paxton, F. A. 1R
Radon, Brigitte 1R
Reno, Franklin Victor 1U
Riegels, F. 1R
Rotenberg, A. 1P
Samoilova-Iakhontova, N. 1R
Schucany, W. R. 2P
Selfridge, R. G. 1R
Silberstein, L. 3E
Snow, Chester 1R
Spenceley, G. W. 1U, 2R
Stoner, Edmund C. 1R
Schuler, M. 1R, 2R
Sutherland, C. D. 1P

Taylor, E. A. 1R
Todd, John 2P
Tsesevich, V. P. 1R, 2R
Van de Vel, H. 1P
Van Tuyl, A. H. 1P
Wyndrum, R. W., Jr. 1U
Zagrebin, D. 1R
Žurina, M. I. 1R, 2R, 3R, 4R, 6R
National Physical Laboratory 2U
Society of Automotive Engineers, War Engineering Board 1R

7.55.2 Jacobi Elliptic Functions

Archibald, Raymond Clare 13P, 87P
Arscott, F. M. 1R
Byrd, Paul F. 2E
Curtis, A. R. 2R
Fettis, Henry E. 8U, 10R, 11R, 15U, 18R
Glowatzki, Ernst 1R, 2R
Grammel, Richard 1R
Henderson, F. M. 1RE
Hippisley, R. L. 1E
Hovanskiĭ, A. N. 2R
Knolle, Werner E. 1U
Kober, Hermann 2R
Laurent, Mariette 1R
Lin, Y. K. 1P
Low, A. R. 1R
Magnus, Wilhelm 8E
Nellis, W. J. 1P
Osipova, L. N. 1R, 2R
Reno, Franklin Victor 1U
Reutter, Fritz 1R
Snow, Chester 1R
Spenceley, G. W. 1U, 2R
Strayhorne, Dorothy A. 1R
Schuler, M. 1R, 2R
Van Tuyl, A. H. 1P
New York Mathematical Tables Project 10U, 28R

7.55.3 Weierstrass Elliptic Functions

Arscott, F. M. 1R
Carlitz, Leonard 1P
Hollander, F. H. 1R
Laurent, Mariette 1R
Lehmer, Derrick Henry 20U
Ling, Chih-bing 4P, 5P, 6P, 7U, 9P, 11U
Lomkatsi, Ts. D. 1R
Low, A. R. 1R
Reutter, Fritz 1R
Southard, T. H. 3PR
Störmer, Carl 1R
Strayhorne, Dorothy A. 1R
Tölke, Friedrich 4R
VAN Wijngaarden, Adriaan 8R

7.55.4 Theta and Related Functions

Bush, Robert R. 1R
Cheema, Mohinder Singh 4P
Chiang, Pou-shun 1P
Dragonette, Leila A. 1R
Fettis, Henry E. 11R
Lehmer, Derrick Henry 3R
Lehner, Joseph 2R
Ling, Chih-bing 5P
VAN DER Pol, Balth 2R
Slater, Lucy Joan 7R
Spenceley, G. W. 1U, 2R
Schuler, M. 1R, 2R
Tölke, Friedrich 4R
VAN Wijngaarden, Adriaan 8R

7.60 Mathieu Functions

Archibald, Raymond Clare 21P
Arscott, F. M. 2R
Babister, A. W. 1R
Barakat, Richard G. 2E
Belford, Geneva G. 1P, 2U
Bickley, W. G. 2P, 3P
Blanch, Gertrude 2R, 4P, 9R, 11R, 12R, 13P
Bouwkamp, Christoffel Jacob 1R, 2R
Colbert, Harry M. 1U
Cole, Julian D. 1R
Day, James Thomas 2P
Flammer, Carson 1R
Gray, Harry J., Jr. 1R
Ince, E. L. 1R, 2R
Jeffreys, Harold 3R
Kirkpatrick, E. T. 1P
Lefschetz, Solomon 1R
Lubkin, Samuel 1E
Macnee, Alan 1R
McLachlan, N. W. 2R, 3R
Miller, J. C. P. 18R
Ribière-Michaud, Françoise 1R, 2R
Sato, Chikara 1P
Schwartz, Jacob T. 1R
Stratton, J. A. 1R
Tamir, T. 1P
Wiltse, James C. 1R, 2R
Computation Department of the Mathematical Center, Amsterdam 1R
National Bureau of Standards Computation Laboratory 15R, 19R
New York Mathematical Tables Project 36RE

7.65 Spheroidal and Other Wave Functions

Arscott, F. M. 1R, 2R
Bates, D. R. 1R
Belford, Geneva G. 1P
Bouwkamp, Christoffel Jacob 1R, 2R, 5R, 6R
Chang, C. 1R
Cooley, James W. 1P
Flammer, Carson 1R
Fröberg, Carl-Erik 1R
Hartree, Douglas 10R
Hunter, H. E. 4R
Lefschetz, Solomon 1R
Leitner, Alfred 1R
Macnee, Alan 1R
Meixner, Josef 1R
Mishra, B. N. 1R
Morse, Philip M. 4R
Ormonde, Stephan 1P
Ribière-Michaud, Françoise 2R
Robin, Louis 3R
Rose, Milton E. 1R
Sato, Chikara 1P
Skillman, Sherwood 1P
Stratton, J. A. 1R, 2R
Stuckey, M. M. 1R

7.70 Generalized Hypergeometric Functions of a Single Variable

Alexander, M. J. 1R
Ancker, C. J., Jr. 1R
Archibald, Raymond Clare 13P, 21P
Babister, A. W. 1R
Boersma, J. 4P
Buchholz, Herbert 2R
Chi, Benjamin E. 1R
Fields, Jerry L. 1P, 2P, 3P
Glaser, M. L. 1P
Howell, K. M. 1E
Kilpatrick, John E. 3P
Kudô, Akio 1R
Lavoie, Jean-Louis 1P, 2P
Lebedev, N. N. 1R

Leszczynski, Bogumil 1P
Lewin, L. 1R
Lewis, Richard L. 1P
Lieberman, Gerald J. 5R
Luke, Yudell L. 12P, 13RE, 14P
Mitchell, K. 2R
Mond, Bertram 2R
Newman, J. N. 1P
Ng, E. Wai-kwok 2PM
Nikiforov, A. F. 1R
Riordan, John 5R
Rosenzweig, Norbert 1R
Rotenberg, Manuel 1R
Schwatt, I. J. 1R
Sears, B. J. 3R
Shanks, Daniel 12P
Shimpuku, Taro 1R
Slater, Lucy Joan 7R
Smith, Richard B. 2P
Srivastava, H. M. 1P
Thomas, D. E. 1R
Thompson, W. B. 1U
Verma, Arun 1P, 5P, 6P
Wimp, Jet 5P, 6P
Wood, Van E. 3P
International Business Machines Corporation 6R

7.75 Generalized Hypergeometric Functions of More Than One Variable

Nellis, W. J. 1P
Slater, Lucy Joan 7R
Srivastava, H. M. 1P
Verma, Arun 3P, 4P, 5P

7.80 Basic Hypergeometric Functions

Slater, Lucy Joan 3R, 7R
Verma, Arun 2P, 6P
British Association for the Advancement of Science, Mathematical Tables Centre 7P

7.85 Integral Transforms

Aĭzenštat, V. S. 1R
Albasiny, Ernest L. 1R
Amos, Donald E. 1P, 2P
Ancker, C. J., Jr. 1R
Archibald, Raymond Clare 93P
Aroian, Leo A. 1Q
Babister, A. W. 1R
DE Balbine, Guy 1P
Barnett, M. P. 1R
Bellman, Richard E. 9R
Berger, Bruce S. 1P
Bergland, G. D. 1P, 2P
Bierens de Haan, D. 1R, 2RE
Born, Max 1R
Brand, Louis 1R
Brown, B. M. 1R
Buschman, R. G. 1P
Campbell, George A. 1R
Carslaw, H. S. 1R
Chandrasekhar, S. 1R
Chiarella, C. 1P
Churchill, Ruel V. 1E, 2R, 3R
Cody, W. J. 4P
Copson, Edward T. 1R
Cossar, J. 1R, 2R, 3R
Cypkin, Ja. Z. 1R
Davis, Philip J. 9R
Ditkin, V. 2R
Doetsch, Gustav 1R, 2R, 3R, 4R
Elliott, David L. 2P
Erdélyi, Arthur 4P, 5Q, 7R
Fair, Wyman G. 1P
Fettis, Henry E. 1P, 4E, 16P
Fields, Jerry L. 2P
Flemming, D. P. 1P, 2P
Friedman, Avner 1R
Fürth, R. 2R
Gamkrelidze, Revaz V. 2R
Gargantini, I. 1P
Gautschi, Walter 5P
Gillis, Joseph E. 2P
Glaser, M. L. 1P
Goodwin, E. T. 1R, 3P
Gray, H. L. 2P
Gröbner, Wolfgang 1R, 2R
Grundy, P. M. 1R
Gumbel, Émile J. 1R
Harumi, Kasaburo 1P
Hastings, A. E. 1R
Hildebrand, Francis B. 1R
Hovanskiĭ, A. N. 2R
Hunter, D. B. 1P, 2P
Hurwitz, Henry, Jr. 1P, 2P
Jeffreys, Harold 2R, 3R
Kaplan, Wilfred 1R
Katsura, Shigetoshi 7U
Kruglikova, L. G. 1R
Kruse, U. E. 1R
Lewis, Richard L. 1P
Lindman, Christian Frederik 1R, 2R
Ling, Chih-bing 1R, 2P, 3R, 8P
Lord, R. D. 1P
Luke, Yudell L. 13RE
Macfarlane, G. G. 2R
MacLane, Gerald R. 1R
McCool, William A. 3R
McLachlan, N. W. 5E, 6E, 7R
McNamee, John 1P
Medhurst, R. G. 1P
Meyer zur Capellen, Walther 3RE, 4E
Mirsepassi, T. 1P
Mitchell, W. C. 2P
Mond, Bertram 2R
Nair, K. Raghavan 1R
Nelson, Carl W. 1P
Ng, E. Wai-kwok 2PM
Nielsen, Jack N. 1R
Nixon, Floyd E. 1R
Noble, Norman 1R
Nosova, L. N. 2R
Oberhettinger, Fritz 8R
Papoulis, Athanasios 2R
Peterson, Elmor L. 1R
Pipes, Louis A. 1R
Preuss, H. 1R
Price, A. T. 1R
Prudnikov, A. P. 2R
Razelos, P. 1P
Reichel, A. 1P, 3PM
Rhodes, P. 1R
Ritchie, R. H. 1P
Roberts, G. E. 1RE
Saaty, Thomas L. 2R
Salzer, Herbert E. 51R, 55P, 66P, 72E
Sarma, V. L. N. 1P
Schucany, W. R. 2P
Schulz-DuBois, E. O. 1P
Scorer, R. S. 1R
Scott, E. J. 1R
Skoblja, N. S. 1R
Slater, Lucy Joan 5R
Smith, Wayne E. 1P
Sobolev, S. L. 1R
Solodovnikov, V. V. 1R, 2R
Spencer, Roy C. 1R
Stankiewicz, Lidia 1R
Stone, William Matthewson 1R
Stroud, Arthur H. 15R
Stuart, R. D. 1R

Thompson, Gene Thomas 1P
Thompson, Rory 1P
Tölke, Friedrich 2R
Traub, J. F. 2P
Tuck, E. O. 1P
Ugarov, V. A. 1R
Vanagas, V. V. 1R
Van Tuyl, A. H. 1P
Verma, Arun 1P
VAN DE Vooren, Adriaan Isak 1P
Wallman, Henry 1R
Walmsley, Charles 1P
Walters, Lillie C. 1R
Ward, G. N. 1R
Weiss, George H. 2P
Wheelon, Albert D. 1U, 2R
VAN Wijngaarden, Adriaan 1R, 7R
Wimp, Jet 1P
Wood, Van E. 1P, 2P
Žurina, M. I. 7R

7.90 Numerical Tables of Infinite Series

Alder, Kurt 1R
Archibald, Raymond Clare 11P, 21P, 40P, 93P
Ashour, Attia A. 1PR
Atoji, Masao 2R
Buchholz, Herbert 1R
Buehler, Robert J. 1R
Bush, Robert R. 1R
Cambi, Enzo 2U
Cherry, Thomas MacFarland 1R
Chu, Chiao-Min 1R
Coombs, A. 1R
Corrington, Murlan S. 8P
Daniel, James W. 1P
Davis, Harold T. 7R
Denman, Harry H. 4R
Dorodnicyn, A. A. 2R
Douglas, J. B. 1R
Emersleben, Otto 1R, 3R, 10R
Fairthorne, Robert Arthur 1P
Ferguson, A. J. 1R
Fettis, Henry E. 16P
Forsyth, Andrew Russell 1E
Forsythe, George E. 2R
Fränz, K. 1R
Friedman, Bernard 1R
Glaisher, L. W. L. 1E
Gnedenko, B. V. 1R
Goddard, L. S. 1R
Gordon, Alan 1R
Gumprecht, R. O. 1R, 2RE
Infeld, Leopold 1R
Jaeger, J. C. 2R
Jolley, L. B. W. 2E
Karst, Edgar 6U
Kitover, K. A. 1R
Kotani, Masao 2R
Kunisawa, Kiyonori 1R
Lansraux, Guy 1R
Lehmer, Derrick Henry 7P, 17E, 26U, 32U
Lehmer, Emma 3PR, 4U
Lehner, Joseph 2R
Lewin, L. 1R
Lienard, R. 1R
Ling, Chih-bing 2P, 3R, 5P
Logan, N. A. 1U
Macfarlane, G. G. 2R
Magnus, Wilhelm 7E, 8E
Mangulis, V. 1RE, 2E
Masket, A. V. H. 1R
Medhurst, R. G. 1P
Merrifield, C. W. 1E
VON Neumann, Johann 7P
Ng, E. Wai-kwok 1U
Olver, Frank W. J. 2R
Powell, E. O. 2R
Prandtl, Ludwig 1R
Raff, Morton S. 1R
Schwarz, L. 1R
Schwatt, I. J. 1R
Selfridge, J. L. 2R
Shanks, Daniel 8P
Strachey, C. 1R
Slater, Lucy Joan 2R
Smirnov, Nikolaĭ Vasil´evič 1R
Spira, Robert 11PM
Stenzel, H. 1R, 2R
Stewart, John Q. 1R
Stieltjes, T. J. 1E
Tadman, K. G. 1R
Teichroew, Daniel 2R
Thompson, W. B. 1U
Tikson, Michael 1R
Tölke, Friedrich 3R
Tricomi, Francesco Giacomo 3R
Werner, Helmut 2P
Wheelon, Albert D. 2R
VAN Wijngaarden, Adriaan 1R
Wolf, Emil 1R
Wrench, John W., Jr. 7E, 13P, 16P
Admiralty Research Lab. 3R, 4R, 5R, 6R
Computation Department of the Mathematical Center, Amsterdam 1R
National Bureau of Standards Computation Laboratory 10R
National Physical Laboratory 6U
New York Mathematical Tables Project 29RE, 40U
Staff of the Comp. Dept. of Math. Centrum, Amsterdam 1U

7.93 Numerical Solutions for Particular Differential and Other Functional Equations

Abarbanel, Saul S. 1P
Archibald, Raymond Clare 21P
Arscott, F. M. 1R
Aziz, A. K. 1P
Banks, Dallas O. 1P
Barnett, M. P. 1R
Bates, D. R. 1R
Belford, Geneva G. 1P, 2U
Bell, R. P. 1R
Bellman, Richard E. 3P
Bergman, Stefan 6P
Blanch, Gertrude 4P, 10R
Campbell, C. M. 1P
Chambers, R. L. 1U
Chandrasekhar, S. 2R, 4R, 5R
Chen, T. Y. 1R
Chorin, Alexandre Joel 1P
Clark, Robert A. 1R
Clippinger, R. F. 2P
Concus, Paul 3P
Cooley, James W. 1P
Cooper, G. J. 2P
Curtis, A. R. 1R
DiMaggio, Frank L. 1R
Dranoff, J. S. 1P
Emersleben, Otto 12R
Etkin, Bernard 1R
Fair, Wyman G. 3P
Filler, L. 1P
Fisher, Ronald Aylmer 5R
Fix, Evelyn 3R
Forsythe, George E. 2R
Gary, John 1P
Görtler, Henry 1R
Gourlay, A. R. 1P, 4P
Gruschwitz, E. 1R
Harris, E. L. 1R
Hartree, Douglas 10R
Howarth, L. 2R

Jamet, Pierre 1P, 2P
Jolley, L. B. W. 1R
Jones, C. W. 3R
Kammler, David W. 1P
Kim, Chul-Hee 1P
Kjellberg, Göran 1P
Kopal, Zdeněk 2R
Lock, R. C. 1R
Loeb, A. L. 1R
van de Lune, J. 1P
March, N. H. 1R
Metropolis, Nicholas 3R
Mishra, B. N. 1R
Mitchell, Andrew R. 3P
Mond, Bertram 2R
Nielsen, Jack N. 1R
Olver, Frank W. J. 7P
Pearce, R. P. 1P
Pearson, Carl E. 1P
Pennell, M. M. 1P
Peschl, Ernst 1R
Ribière-Michaud, Françoise 2R
Richman, P. L. 1P
Sato, Chikara 1P
Simon, W. E. 1P
Smith, Robert W., Jr. 3R
Solomon, Alan 1P
Swartz, Blair K. 1P, 2P
Taylor, Geoffrey Ingram 1R
Thomas, Tracy Y. 1R
Thorne, Charles J. 1R
Todd, John 2P
Treanor, Charles E. 1P
Ulrich, A. 1R
Urabe, Minoru 1R
Wachspress, Eugene L. 2R
Wilson, E. M. 1R
Worsley, Beatrice H. 1PR
Wynn, Peter 5P
Admiralty Research Lab. 1U, 2R
Aeronautical Research Council 1R
Ballistic Research Laboratories 5R
British Association for the Advancement of Science, Mathematical Tables Centre 7P
Massachusetts Institute of Technology 1R

7.95 Handbooks of Mathematical Tables and Formulas

Adams, E. P. 1E, 3E
Allen, Edward S. 1R, 2R, 3RE
Angot, André 1R
Bateman, Harry 6P
Bierens de Haan, D. 1R, 2RE
Boll, Marcel 1R, 2R
Burington, Richard Stevens 1R, 2RE, 3R
Byrd, Paul F. 3E
Carmichael, Robert D. 1R
Comrie, L. J. 16RE, 19R
Cossar, J. 1R, 2R, 3R
Dale, J. B. 1RE
Davis, Harold T. 1RE, 5E, 6R, 7R
Ditkin, V. 2R
Doetsch, Gustav 1R, 2R
Dwight, Herbert Bristol 1R, 2RE, 4R, 7RE
Emde, Fritz 9E
Erdélyi, Arthur 7R
Fettis, Henry E. 4E
Fisher, Ronald Aylmer 2RE, 4E
Flavien, L. 1R
Fletcher, Alan 8RE
Flügge, Wilhelm 1R
Glover, J. W. 1RE, 2E
Gröbner, Wolfgang 1R, 2R
Hayashi, Keiichi 1E, 2E
Hayashi, Kenji 1R
Jahnke, Eugene 3E, 5E, 6E
Jolley, L. B. W. 1R, 2E
Kelley, Truman Lee 1RE, 2E, 4RE
Korn, Granino A. 5R
Larsen, Harold D. 1R, 2R
Lindley, Dennis V. 1R
Lindman, Christian Frederik 1R, 2R
Ljusternik, L. A. 3R
Losch, Friedrich 1R
Magnus, Wilhelm 11E, 12E
Mangulis, V. 1RE, 2E
McLachlan, N. W. 5E, 6E, 7R
Meyer zur Capellen, Walther 3RE 4E
Miller, J. C. P. 35R
Milne-Thomson, L. M. 2E
Mitrinović, Dragoslav S. 11R, 12R
Oberhettinger, Fritz 8R
Pearson, E. S. 8R
Pemberton, John E. 1R
Percival, A. S. 1R
Peters, Johann Theodor 12R
Petit Bois, G. 1R
Prudnikov, A. P. 2R
Ringleb, Friedrich O. 1R
Roberts, G. E. 1RE
Rosenbach, Joseph B. 1R
Sainte-Lagüe, André 1R
Sassenfeld, H. M. 1R
Schubert, Hermann 1R
Schwatt, I. J. 1R
Selby, Samuel M. 1R, 2R, 3E
Spiegel, Murray R. 1R
Thompson, Rory 1P
Tölke, Friedrich 2R, 3R, 4R
Wheelon, Albert D. 1U, 2R
Wijdenes, Piet 2R
Wrench, John W., Jr. 4E
Yano, Tsuneta 1R, 2R
CRC Standard Math. Tables 1R
Istituto Idrografico della Marina 2R
War Department 1R

7.99 Books on Special Functions

Arscott, F. M. 2R
Flammer, Carson 1R
Jeffreys, Harold 2R
Lebedev, N. N. 1R
Lewin, L. 1R
Luke, Yudell L. 13RE
McLachlan, N. W. 4R
Mitrinović, Dragoslav S. 11R, 12R
Oberhettinger, Fritz 4RE
Papoulis, Athanasios 2R
Slater, Lucy Joan 5R, 7R
Tölke, Friedrich 2R, 3R, 4R
Watson, George Neville 4E

8.00 Probability and Statistics

Ackoff, Russell L. 2R
Dixon, Wilfrid J. 6R

Greenwood, J. A. 1R
Ireson, W. Grant 1R
Olkin, Ingram 1R
Pearson, E. S. 8R
Wilks, Samuel Stanley 1R

8.05 The Normal Distribution

Abrahamson, Innis G. 1U
Acton, Forman S. 1R
Aitchison, John 1R
Anis, A. A. 1R
Archibald, Raymond Clare 21P
Barraclough, E. D. 1R
Barton, D. E. 4R
Bechhofer, Robert E. 1R
Berkson, Joseph 2R, 4R
Black, A. N. 1R
Blanch, Gertrude 4P
Bliss, C. I. 1R
Burrau, oyvind 1R
Cadwell, J. H. 1R, 2R, 3R, 4P
Caldwell, J. H. 1R
Chandler, K. N. 1R
Charlier, C. V. L. 1R
Clark, Frank Eugene 1R
Cohen, Clifford A., Jr. 1R
Cook, Edward M. 1R
Cornfield, Jerome 1R
Curtiss, John W. 1R
David, Florence N. 8R
David, H. A. 1R, 4R, 6R, 7R, 8R
DiDonato, A. R. 3P, 4P
Dixon, Wilfrid J. 2R, 4R, 7R
Duncan, Acheson J. 1R
Duncan, David B. 1R
Dunnett, Charles W. 3U, 4U
Durbin, J. R. 1R
Fan, Chung-Teh 1R
Finney, David J. 2R, 4R, 5R
Fletcher, Alan 9RE
Franklin, Joel N. 1P
Fry, Thornton C. 1R
Gebhardt, Friedrich 1P
Geisser, Seymour 1R
Gjeddebaek, N. F. 1R
Godwin, H. J. 1R, 2R
Goncharov, V. L. 1R
Greenberg, Irwin 1P
Grubbs, Frank E. 2R, 5R
Gupta, Arjun K. 1R
Hald, A. Hjorth 1R
Halperin, Max 1R
Hart, Roger G. 1P
Hartley, B. I. 1R
Hartley, H. O. 4R, 8R, 16R
Hastings, Cecil, Jr. 1R, 2R, 5P
Horn, Henry J. 1R
Howell, John M. 1R, 2R
Hoyt, Ray S. 1R
Jackson, J. Edward 1R
Jílek, Miloš 1R
Joffe, Solomon Achillovich 2E
Kamat, A. R. 1R
Koller, Siegfried 1R
Krishnan, T. 1U
Kudô, Akio 1R
Lefèvre, J. 1R
Leone, Fred C. 2R
Lieberman, Gerald J. 4R
Link, Richard F. 1R
Lord, E. 1R
Marcum, J. I. 1R
May, Joyce M. 1R
Mond, Bertram 2R
Moore, P. G. 1R
Moshman, Jack 1R
Nabeya, Seiji 1R
Nair, K. Raghavan 2R, 4R
Natrella, Mary Gibbons 2E
Noether, Gottfried Emanuel 1R, 2R
Owen, Donald B. 1R, 2R, 3R, 4R, 6R
Pachares, James 1R
Palmer, D. S. 1R
Patnaik, P. B. 2R
Pearson, E. S. 1R, 2R, 13R
Pillai, K. C. Sreedharan 1R, 2R, 3R, 4R, 6R
Quenouille, Maurice Henri 2R
Rosenthal, G. W. 1R
Rosser, J. Barkley 1R, 3R
Ruben, Harold 1R
Sakoda, James M. 1R
Salton, Gerard 1P
Sampford, M. R. 1R
Sarhan, Ahmed E. 1R, 2R
Sathe, Y. S. 1R
Saw, John G. 1R
Sheppard, William Fleetwood 1R
Sibuya, Masaaki 1R, 2R
Siegel, Sidney 1R
Siotani, Minoru 3R
Sluckiĭ, E. E. 1R
Smirnov, Nikolaĭ Vasil'evič 3R
Somerville, Paul N. 1R
Springer, C. H. 1R
Steck, George P. 1R
St-Pierre, Jacques 1R
Taguti, Gen-iti 2R
Teichroew, Daniel 2R, 3R
Terpstra, T. J. 1R
Watson, Geoffrey S. 2R
Weingarten, Harry 2P
Weissberg, Alfred 1R
Welsh, G. S. 1R
Whittlesey, John R. B. 1P
Wine, R. Lowell 1R
Wolf, Frank L. 1R
Žaludová, A. H. 1R
Ballistic Research Laboratories 2U
Bell Aircraft Corporation 1U
Biometrika, Editors 1R
British Association for the Advancement of Science, Mathematical Tables Centre 5RE, 7P
National Bureau of Standards 29R, 34R, 36R, 45RE
New York Mathematical Tables Project 4RE
RAND Corporation 1R
University of California, Statistical Laboratory 1U

8.10 The χ^2 and Poisson Distributions

Abdel-aty, S. H. 2R
Archibald, Raymond Clare 21P
Armsen, Paul 1R
Barnett, V. D. 2R
Bennett, B. M. 2U, 3U, 4U, 5U, 6R
Berkson, Joseph 1R
Berndt, G. D. 1R
Blanch, Gertrude 4P
Blyth, Colin R. 1R
Bose, Purnendu Kumar 2RE, 4RE
Brockmeyer, E. 2R
Carroll, J. B. 1R
Chandra Sekar, C. 1R
Chandrasekaar, S. 1R
Clark, Frank Eugene 1R

Crow, Edwin L. 1R
Croxton, Frederick E. 1R
Curtiss, John W. 1R
DiDonato, A. R. 3P, 4P
Douglas, J. B. 1R
Finney, David J. 1RE, 6R
Fix, Evelyn 1R, 3R
Fletcher, Alan 9RE
Freudenberg, K. 1R
Fry, Thornton C. 1R
Girshick, M. A. 1R
Gnedenko, B. V. 1R
Gordon, Mordecai H. 1R
Goulden, C. H. 1R
Grab, Edwin L. 1R
Grad, Arthur 1R
Gray, H. L. 3P
Grubbs, Frank E. 1R
Hald, A. Hjorth 3R
Hartley, H. O. 7R, 16R
Hetz, Wolfgang 1R
Hsu, P. L. 1U
Huitson, Alan 1R, 2R
Jackman, Marian C. 1R
Jílek, Miloš 1R
Joffe, Solomon Achillovich 2E
Katz, Leo 1R
Kitagawa, Tosio 1R, 3E
Krishna Iyer, P. V. 2R
Kudô, Akio 1R
Kullback, Solomon 1R
Latscha, Robert 1RE
Lewis, T. O. 1R
Molina, Edward Charles 1R
Dixon 1R
Moore, P. G. 2R
Nair, K. Raghavan 1R
Palm, Conny C. R. A. 1R
Patnaik, P. B. 1R
Ramachandran, K. V. 3R
Russell, W. 3U
Sibuya, Masaaki 1R
Siegel, Sidney 1R
Sluckiĭ, E. E. 1R
Smith, Ed Sinclair 1R
Takenaga, Roy 1P
Tate, Robert F. 2R
Teichroew, Daniel 2R
Thompson, Catherine M. 2R
Thompson, G. M. 1R
Thompson, Rory 1P
Van Dyke, John 1U
Weingarten, Harry 2P
Whittlesey, John R. B. 1P
Williams, C. A., Jr. 1R
Wine, R. Lowell 1R
Wolf, Frank L. 1R
National Bureau of Standards 48U

8.15 The Incomplete Beta, Binomial, t -, F - and z -Distributions

Alexander, M. J. 1R
Amos, Donald E. 1P, 2P
Anscombe, F. J. 2R
Aoyama, Hirojiro 1R
Arley, Niels 1R
Aspin, Alice A. 1R
Banerjee, D. P. 2R
Bargmann, Rolf E. 1R
Bechhofer, Robert E. 2R
Beckhofer, R. E. 1R
Bizley, M. T. L. 1R
Blyth, Colin R. 1R
Bose, Purnendu Kumar 1R
Buehler, Robert J. 2R
Burrau, oyvind 1R
Chapman, Douglas G. 1R
Clark, Robert E. 1R
Cochran, William G. 2R
Cole, La Mont C. 1R
Croarkin, Mary C. 1E
David, H. A. 2R, 9R
DiDonato, A. R. 5P
Duncan, Acheson J. 2R
Dunnett, Charles W. 1R, 2R
Federighi, Enrico T. 1R
Fieller, E. C. 1R
Finney, David J. 3R
Fisher, Donald D. 1P
Fletcher, Alan 9RE
Foster, F. G. 3R, 4R, 5R
Fox, Martin 1R
Freudenberg, K. 1R
Fry, Thornton C. 1R
Gayen, A. K. 1R, 2R
Gilbert, Daniel L. 1U
Gnedenko, B. V. 1R
Grab, Edwin L. 1R
Gronow, D. G. C. 1R
Grubbs, Frank E. 1R, 5R
Gupta, Shanti S. 1R, 2R
Hamaker, H. C. 1R
Hartley, H. O. 5R, 6R, 16R
Hodges, Joseph L., Jr. 3R
James, G. S. 1R
Joffe, Solomon Achillovich 2E
Johnson, Norman L. 2R
Kitagawa, Tosio 3E
Krishna Iyer, P. V. 2R
Lehmer, Derrick Henry 34R
Lord, E. 1R
Mainland, Donald 1R
Marakathavalli, N. 1R
Merrington, Maxine 1R, 2R
Mijares, Tito A. 1R
Moore, P. G. 3R
Moriguti, Sigeiti 3R
Osborn, David 1PM
Patnaik, P. B. 4R
Pearson, E. S. 7R
Pearson, Karl 1E
Proschan, Frank 1R
Ramachandran, K. V. 2R
Ray, W. D. 1R
Resnikoff, George J. 2R
Romig, Harry G. 1R
Sakoda, James M. 1R
Salton, Gerard 1P
Schrock, E. M. 1R
Schucany, W. R. 2P
Sengupta, J. M. 1R
Siegel, Sidney 1R
Simon, Leslie E. 1R
Siotani, Minoru 1R
Smirnov, Nikolaĭ Vasil´evič 2R
Smith, Ed Sinclair 1R
Sterne, Theodore Eugene 2R
Sukhatme, Pandurang V. 1R
Teichroew, Daniel 2R
Thompson, Catherine M. 1R
Toothman, H. L. 1R
Trickett, W. H. 1R
Tsao, Chia Kuei 2R
Ura, Shoji 1R
Uranisi, Hisao 1R
Wall, Francis J. 1U
Walsh, J. E. 1R, 2R, 4R, 6R, 7R
Walter, Edward 1R
Weibull, Martin 1R
Weintraub, Sol 1R
VAN Wijngaarden, Adriaan 5R
Wine, R. Lowell 1R
Wolf, Frank L. 1R
Žaludová, A. H. 1R
Bell Telephone Laboratories 1R
Harvard University, Computation Laboratory 25R

National Bureau of Standards 8R, 16E, 47E
National Bureau of Standards Computation Laboratory 12R
New York Mathematical Tables Project 39R

8.20 Discrete Distributions

Armsen, Paul 1R
Bennett, B. M. 3U, 4U, 5U, 6R
Borel, Émile 1R
Bross, Irwin D. J. 1R
Buehler, Robert J. 2R
Chapman, Douglas G. 2R
Chung, J. H. 1R
Cook, J. M. 1P
Daniels. H. E. 1R
David, Florence N. 3R
Douglas, J. B. 1R
Finney, David J. 1RE, 6R
Freeman, Herbert 1R
Gilbert, Edgar J. 1R
Grundy, P. M. 1R
Hammersley, J. M. 4R
Hodges, Joseph L., Jr. 3R
Hsu, P. L. 1U
Latscha, Robert 1RE
Lieberman, Gerald J. 5R
Mainland, Donald 1R
Raff, Morton S. 1R
Roy, Jogabrata 2R
Sampford, M. R. 2R
Sherman, Bernard 1R
Sichel, Herbert S. 1R
Solomon, Herbert 1R
Spitz, J. C. 1R
Taguti, Gen-iti 1R
Theil, Henri 1R
Thomas, Majorie 1R, 2R
Thompson, W. B. 1U
Van Dyke, John 1U
Wishart, John 1R
National Bureau of Standards Computation Laboratory 12R, 18R

8.25 Testing of Hypotheses

Albert, George E. 1R
Anderson, Robert L. 2R
Bartholomew, D. J. 1R
Barton, D. E. 4R
Berkson, Joseph 3R
Bhattacharya, P. K. 1R
Bose, Purnendu Kumar 3R
Broadbent, S. R. 2R
Chandra Sekar, C. 1R
Chaudhuri, S. B. 1R
Chernoff, Herman 2R
Chowdhury, S. B. 1R
Curtiss, John W. 1R
Doornbos, R. 1R
Fix, Evelyn 3R
Foster, F. G. 2R, 3R
Grubbs, Frank E. 5R
Ihm, Peter 1R
Keeping, E. S. 1R
Kitagawa, Tosio 2R
Kozelka, Robert M. 1R
Krishna Iyer, P. V. 2R
Kullback, Solomon 2R
Lehmann, Erich L. 1R
Marriott, F. H. C. 1R
Nanda, D. N. 1R
Noether, Gottfried Emanuel 2R
Patnaik, P. B. 3R
Pillai, K. C. Sreedharan 5R
Rao, C. Radhakrishna 1R
Rao, D. Ramakrishna 1R
Reiter, Stanley 1R
Rushton, S. 1R
Siotani, Minoru 2R
Swineford, Frances 1R
Thompson, Catherine M. 4R
Todd, John 13R
van der Waerden, Bartel Leendert 1R
Walsh, J. E. 6R
Woolf, Barnet 1R
National Bureau of Standards Computation Laboratory 18R

8.30 Correlation, Serial Correlation and Covariance

Acton, Forman S. 1R
Alexander, M. J. 1R
Anderson, Robert L. 2R
Arley, Niels 1R
Bartlett, Neil R. 1R
Beyer, William H. 1RE
Brooks, F. E., Jr. 1R
Cook, M. B. 1R
Dingman, H. F. 1R
Draper, Norman R. 1R
Durbin, J. R. 1R
Ezekiel, Mordecai 1R
Fan, Chung-Teh 1R
Fisher, Donald D. 1P
Frenkiel, François N. 1P
Gayen, A. K. 3R
Greenberger, Martin 1P
Grenander, Ulf 1R
Grubbs, Frank E. 5R
Hannan, E. J. 1R
Harzer, P. 1R
Hastings, A. E. 1R
Healy, M. J. R. 1P
Hurd, Cuthbert C. 3R
Jenkins, W. L. 1R
Jennrich, Robert I. 1P
Lord, Frederic M. 1R
Mitropol´skiĭ, A. K. 1R
Mond, Bertram 2R
Oldfield, B. 2R
Orcutt, Guy H. 1R
Papoulis, Athanasios 2R
Quenouille, Maurice Henri 1R
Ralston, Anthony 1R
Ronge, Felix 1R
Tate, Robert F. 1R
Todd, John 13R
Watson, Geoffrey S. 2R
Welsh, G. S. 1R
International Business Machines Corporation 6R
Reeves Instrument Corp. 1R

8.35 Rank Correlation and Order Statistics

Aoyama, Hirojiro 1R
Bartlett, M. S. 1R
Barton, D. E. 4R
Beyer, William H. 1RE
Blomqvist, Nils 1R, 2R
Cadwell, J. H. 3R
Cox, D. R. 1R
David, H. A. 5R
David, S. T. 1R
Fieller, E. C. 3R
Fisher, Donald D. 1P
Greenberg, Bernard G. 4R
Greenwood, Joseph Arthur 1U
Gumbel, Émile J. 1R, 2R, 3R, 5R
Gupta, Shanti S. 1R
Hartley, H. O. 10R
Hastings, Cecil, Jr. 2R
Hyrenius, Hannes 1R
Jones, Howard L. 1R
Kaarsemaker, L. 1R
Kimball, Bradford F. 1R
Mather, K. M. 1R
Milton, Roy C. 1R
Mitropol´skiĭ, A. K. 1R
Murty, V. N. 1R
Nievergelt, E. 1R
Olds, Edwin 1R

Rider, Paul R. 1R, 2R
Sampford, M. R. 2R
Sarhan, Ahmed E. 2R, 3R, 4R
Savage, I. Richard 2R
Siegel, Sidney 1R
Thompson, Catherine M. 2R
Thompson, G. W. 1R
Votaw, David F., Jr. 1P
Whitfield, J. W. 1R
Zabransky, F. 1U
National Bureau of Standards Computation Laboratory 17R

8.40 Nonparametric Tests

Anderson, T. W. 2R
Barton, D. E. 1R, 2R, 3R
Birnbaum, Z. W. 2R, 3R
Chambers, E. G. 1R
Cox, D. R. 2R
Daniels. H. E. 2R
David, Florence N. 3R
Dixon, Wilfrid J. 3R, 5R
Epstein, Benjamin 2R
Fix, Evelyn 2R
Foster, F. G. 1R
Gnedenko, B. V. 1R
Hartley, H. O. 4R
Hiraga, Yoshihiko 1R
Hodges, Joseph L., Jr. 1R
Hurd, Cuthbert C. 2R
Hyrenius, Hannes 1R
Jonckheere, A. R. 1R
Kamat, A. R. 2R
Kerr, Dorothy 1U
Krishna Iyer, P. V. 1R
Kruskal, William H. 1R
Kunisawa, Kiyonori 1R
Levene, Howard 1R
Massey, Frank J., Jr. 1R, 2R, 3R, 5RE
Miller, Leslie H. 1R
Milton, Roy C. 1R
Moses, Lincoln E. 1R
Natrella, Mary Gibbons 1U
Page, E. S. 3R
Rijkoort, P. J. 1R
Rosenbaum, S. 1R, 2R
Siegel, Sidney 1R
Smirnov, Nīkolaĭ Vasil'evič 1R
Somerville, Paul N. 2R
Stuart, Alan 2R
Swed, Frieda S. 1R
Takashima, Michio 1R
Terpstra, T. J. 2R, 3R
Terry, Milton E. 2R
Tsao, Chia Kuei 1R
Tukey, John W. 3R
van der Vaart, H. Robert 1R
Walsh, J. E. 3R, 5R, 7R
Westenberg, J. 1R, 2R
White, Colin 1R
Whitney, D. R. 1R
Williams, C. A., Jr. 1R

8.45 Systems of Frequency Curves, Moments

Abdel-aty, S. H. 1R
Aitchison, John 2R
Anis, A. A. 2R
Bennett, John H. 1R
Bhate, D. H. 1R
Broadbent, S. R. 1R, 3R
Chapman, Douglas G. 3R
Cohen, Clifford A., Jr. 2R
Cook, M. B. 1R
David, Florence N. 1R, 2R, 4R, 5R, 6R, 13R
Govindarajulu, Zakkula 1R
Greenwood, Joseph Arthur 4R
Grimsey, A. H. R. 1R
Gumbel, Émile J. 4R
Hartley, H. O. 4R, 5R
Hooke, Robert 1R
Johnson, Norman L. 1R, 6R
Jones, Howard L. 1R
Masuyama, Motosaburô 1R
Moriguti, Sigeiti 1R, 2R
Moshman, Jack 2R
Packer, L. R. 1R
Pearson, E. S. 5R
Raj, Des 1R
Springer, C. H. 1R
Thompson, Catherine M. 1R, 2R
Topp, Chester W. 1R
Tukey, John W. 4R
Weingarten, Harry 1R
Whitfield, J. W. 2R, 3R
Wishart, John 2R
Zabransky, F. 1U
Ziaud Din, M. 2R

8.50 Random Numbers and Samples

de Balbine, Guy 2P
Barnett, V. D. 1P, 2R
Blanch, Gertrude 4P
Butcher, John C. 1P
Cashwell, E. D. 1R
Cochran, William G. 2R
Cook, J. M. 1P
Davis, Philip J. 3P
Deming, William Edwards 1R
Duparc, H. J. A. 1R
Fieller, E. C. 2R
Franklin, Joel N. 1P, 2P
Frenkiel, François N. 1P
Gebhardt, Friedrich 1P, 2P
Greenberger, Martin 1P
Greenwood, Robert E., Jr. 4PR
Grenander, Ulf 1R
Gruenberger, F. J. 1P, 2P
Hammersley, J. M. 1P
Jagerman, David L. 1P, 2P
Jansson, Birger 2R
Johnson, D. L. 1P
Kendall, Maurice G. 2R
Kerr, Dorothy 1U
Klerer, Melvin 1R
Knuth, Donald E. 4R
Konheim, Alan G. 1P
Laning, J. Halcomb, Jr. 1R
Lynn, M. Stuart 1P
Mahalanobis, P. C. 1E
Meyer, H. A. 1R
Moses, Lincoln E. 3R
Neovius, Gösta 2R
Palmer, D. S. 1R
Pathria, R. K. 1P
Pawlak, Zdzislaw 1P
Peterson, Elmor L. 1R
Ralston, Anthony 3R
Schwartz, Jacob T. 1R
Sengupta, J. M. 2R
Steinhaus, Hugo 1R
Taub, A. H. 5R
Tausworthe, Robert C. 1P
Uchiyama, Saburô 1P
Votaw, David F., Jr. 1P
van der Waerden, Bartel Leendert 1R
Wallis, W. A. 2R
Wold, Herman O. A. 1R
Wolf, Frank L. 1R
Japanese Standards Association 1R
National Bureau of Standards 37R
RAND Corporation 2R

8.55 Acceptance Sampling, Control, Tolerance

Anscombe, F. J. 1R
Barraclough, E. D. 1R
Beckenbach, Edwin F. 2R
Bennett, W. R. 1R
Blyth, Colin R. 1R
Bowker, Albert H. 1R
Cameron, Joseph M. 1R
Chung, J. H. 1R
Clark, Frank Eugene 1R
Clemans, K. G. 1R
Cox, D. R. 3R
Dodge, Harold F. 1R, 2R, 3R
Eckler, Albert Ross 1R
Eisenharf, C. 2R
Epstein, Benjamin 1R, 3R
Fraser, Donald A. S. 1R
Freudenthal, Alfred M. 1R
Golub, Abraham 1R
Greb, D. J. 1R
Grubbs, Frank E. 1R, 3R, 5R
Guttman, Irwin 2R, 3R
Hartley, H. O. 4R
Horsnell, Gareth 1R, 2R
Howell, John M. 1R, 2R
Johnson, Norman L. 5R
King, Edgar P. 1R
Kitagawa, Tosio 1R, 4R, 5R
Koller, Siegfried 1R
Kozelka, Robert M. 1R
Laning, J. Halcomb, Jr. 1R
Leone, Fred C. 2R
Lieberman, Gerald J. 1R, 2R, 4R
Masuyama, Motosaburô 2R
Mitra, Sujit Kumar 1R
Natrella, Mary Gibbons 2E
Owen, Donald B. 4R, 6R
Page, E. S. 1R, 2R
Proschan, Frank 1R
Rosenbaum, S. 1R, 2R
Schrock, E. M. 1R
Shimada, Shozo 1R
Somerville, Paul N. 2R
Steck, Richard 1P
Storer, R. L. 1R
Taguti, Gen-iti 2R
Tocher, K. D. 1R
Votaw, David F., Jr. 1P
Wagner, Harvey M. 3R
Weiler, H. 1R
National Bureau of Standards Computation Laboratory 18R

8.60 Experimental Design

Bradley, Ralph Allan 1R, 2R
Brooks, S. H. 1R
Clatworthy, Willard H. 1R
Cochran, William G. 2R
Connor, W. S. 1R, 2R
Grundy, P. M. 2R
Kitagawa, Tosio 6R
Levine, Leon 1R
Mond, Bertram 2R
Nair, K. Raghavan 3R
Peterson, Elmor L. 1R
Ramakrishnan, C. S. 1R
Roy, Jogabrata 1R
Seelbinder, B. M. 1R
Shrikhande, S. S. 1R
Steck, Richard 1P
Wolberg, John R. 1R
National Bureau of Standards 40R, 49E
NBS Applied Mathematics Series 1E

8.65 Monte Carlo Methods

Ackoff, Russell L. 1R
Baer, Robert M. 1P
Bakhvalov, H. C. 1R
Barnett, V. D. 2R
Beckenbach, Edwin F. 1R
Bharucha-Reid, Albert Turner 1R
Birkhoff, Garrett 2R
Cahill, William F. 1P
Cashwell, E. D. 1R
Crandall, Stephen H. 2R
Crank, J. 1R
Davis, Philip J. 3P
Edmundson, H. P. 1P
de Finetti, Bruno 1R
Forsythe, George E. 1P, 3P
Fosdick, Lloyd D. 1P
Greenwood, Robert E., Jr. 4PR
Haber, Seymour 2P, 3P, 5P, 6P
Hammer, Preston, C. 6P
Hammersley, J. M. 1P, 6R
Haselgrove, C. B. 2P
Herbst, Eugene 1P
Hiller, Lejaren, Jr. 1R
Hurd, Cuthbert C. 2R, 3R
Huskey, Harry D. 6R
Jagerman, David L. 1P
King, Gilbert W. 3R
Klerer, Melvin 1R
Konheim, Alan G. 2P
Meyer, H. A. 1R
Moran, P. A. P. 2R
Morton, K. W. 1P
Ninham, Barry W. 1P
Noble, Ben 3R
Opler, Ascher 3P
Orcutt, Guy H. 2R
Pathria, R. K. 1P
Pearson, E. S. 13R
Quenouille, Maurice Henri 2R
Ridenour, Louis N. 2R
Rodemich, Eugene R. 1P
Saaty, Thomas L. 1R
Sangren, Ward C. 1R
Stibitz, George R. 7R
Taub, A. H. 5R
Todd, John 13R
Tomović, Rajko 2R
Voight, Susan J. 1R
Volynskiĭ, B. A. 1R
Wagner, Harvey M. 3R
Wasow, Wolfgang R. 1P
Armour Research Foundation 1R
National Bureau of Standards 27R, 37R

8.67 Stochastic Processes

Bailey, Norman T. J. 1R
Beckenbach, Edwin F. 2R
Bush, Robert R. 1R
Cruon, R. 1R
Dynkin, Evgeny B. 1R
Franklin, Joel N. 3P
Freeman, Herbert 1R
Fry, Thornton C. 1R
Gantmaher, Feliks R. 1R
Harris, Theodore E. 1R
Hiller, Lejaren, Jr. 1R
Howard, Ronald A. 1R
Kaufmann, Arnold 1R
Keilson, Julian 1R
Kleinrock, Leonard 1R
Lancaster, Peter 1R
Leondes, Cornelius T. 1R, 3R, 4R
Meyer, Paul-André 1R
Peschon, John 1R
Pontrjagin, L. S. 2R

Schwartz, Jacob T. 1R
Taub, A. H. 5R

8.70 Handbooks of Tables and Formulas

Abramowitz, Milton 11RE
Allen, Edward S. 1R, 2R, 3RE
Beyer, William H. 1RE
Bierens de Haan, D. 1R
Boll, Marcel 1R, 3E
Burington, Richard Stevens 1R, 2RE, 3R
Burunova, N. M. 1R
Carmichael, Robert D. 1R
Charlier, C. V. L. 1R
Comrie, L. J. 16RE
David, Florence N. 13R
Davis, Harold T. 1RE, 4R, 5E, 6R
Doig, Alison G. 1R
Dwight, Herbert Bristol 1R, 2RE, 4R, 7RE
Eisenharf, C. 2R
Emde, Fritz 4R, 6R, 7R, 9E
Erdélyi, Arthur 7R, 9R
Finney, David J. 6R
Fisher, Ronald Aylmer 1RE, 2RE, 4E
Flavien, L. 1R
Fletcher, Alan 8RE, 9RE
Flügge, Wilhelm 1R
Glover, J. W. 1RE, 2E
Gradštein, I. S. 2RE
Gröbner, Wolfgang 2R
Hald, A. Hjorth 4R
Hartley, H. O. 16R
Hastings, Cecil, Jr. 7R
Jahnke, Eugene 1R, 2RE, 3E, 4RE, 5E, 6E
Joffe, Solomon Achillovich 2E
Kelley, Truman Lee 1RE, 2E, 4RE
Klerer, Melvin 1R
Korn, Granino A. 5R, 5R
Larsen, Harold D. 1R, 2R
Lebedev, A. V. 1RE
Lindley, Dennis V. 1R
Lindman, Christian Frederik 1R
Losch, Friedrich 1R
Magnus, Wilhelm 1R, 2R, 3R, 7E, 8E, 9R, 11E
Miller, J. C. P. 35R
Milne-Thomson, L. M. 2E
Mitrinović, Dragoslav S. 11R, 12R
Moses, Lincoln E. 3R
Natrella, Mary Gibbons 2E
Owen, Donald B. 4R, 7E
Pemberton, John E. 1R
Percival, A. S. 1R
Peters, Johann Theodor 12R
Phillips, Robert D. 1R
Ringleb, Friedrich O. 1R
Rosenbach, Joseph B. 1R
Ryžik, I. M. 1R, 2RE
Schubert, Hermann 1R
Schütte, Karl 1R, 2R
Schwatt, I. J. 1R
Selby, Samuel M. 1R, 2R
Siegel, Sidney 1R
Smith, Ed Sinclair 1R
Spiegel, Murray R. 1R
van der Waerden, Bartel Leendert 1R
Walther, Alvin 2R
Weintraub, Sol 1R
Yano, Tsuneta 2R
British Association for the Advancement of Science, Mathematical Tables Centre 9R
CRC Standard Math. Tables 1R
National Bureau of Standards 49E
NBS Applied Mathematics Series 1E

8.75 Books on Probability and Statistics

Aitchison, John 2R
Bharucha-Reid, Albert Turner 1R
Billingsley, Patrick 1R
Bowker, Albert H. 1R
Bush, Robert R. 1R
Cashwell, E. D. 1R
Chambers, E. G. 1R
Charlier, C. V. L. 1R
Chernoff, Herman 2R
Churchman, C. West 1R
Cochran, William G. 2R
Cruon, R. 1R
Deming, William Edwards 1R
Dingle, R. B. 2R
Dodge, Harold F. 3R
Draper, Norman R. 1R
Ezekiel, Mordecai 1R
Fano, Robert M. 1R
Fisher, Ronald Aylmer 1RE
Freeman, Herbert 1R
Fry, Thornton C. 1R
Gnedenko, B. V. 1R
Goncharov, V. L. 1R
Goulden, C. H. 1R
Greenberg, Bernard G. 4R
Grenander, Ulf 1R, 2R
Guest, P. G. 3R
Hammersley, J. M. 6R
Howard, Ronald A. 1R
Jaglom, A. M. 1R
Jansson, Birger 2R
Jeffreys, Harold 1R
Johnson, Palmer O. 1R
Keilson, Julian 1R
Kelley, Truman Lee 3R
Kitagawa, Tosio 6R
Kullback, Solomon 2R
Lehmann, Erich L. 1R
Linder, Arthur 1R
Mainland, Donald 2R
Meyer, H. A. 1R
Meyer, Paul-André 1R
Mitropol´skiĭ, A. K. 1R
Moran, P. A. P. 2R
Peterson, Elmor L. 1R
Radanović, L. 1R
Schrock, E. M. 1R
Siegel, Sidney 1R
Solodovnikov, V. V. 2R
Thorp, Edward O. 1R
Uspensky, J. V. 1E
van der Waerden, Bartel Leendert 1R
Wagner, Harvey M. 3R
Wallis, W. A. 2R
Williams, E. J. 1R
Wine, R. Lowell 1R
Wolberg, John R. 1R
Wolf, Frank L. 1R
Zelen, Marvin 2R
Food and Agriculture Organization of the United Nations 1R
Japanese Standards Association 1R
National Bureau of Standards 37R, 45RE
Psychometric Society 1R

9.00 Number Theory

Beiler, Albert H. 1R

Čebyšev, P. L. 1RE
Chabauty, Claude 1R
Davis, Harold T. 4R
Hardy, G. H. 1E
Kraitchik, M. 9R, 11E, 12R
Lehmer, Derrick Henry 14E
Saaty, Thomas L. 5R
Shanks, Daniel 10R
Taub, A. H. 5R
Whiteman, Albert Leon 1R

9.05 Mersenne, Fermat, Perfect, and Other Numbers

Alanen, J. D. 1P
Aloaglu, L. 1R
Archibald, Raymond Clare 49P, 57P, 85P
Beeger, N. G. W. H. 11P
Bratley, Paul 1P
Brillhart, John 1P, 2P, 3P, 4P, 6P
Chowla, Sarvadaman D. 1R
Churchhouse, R. F. 2R
Davis, Martin 2R
Dickson, Leonard Eugene 3E
Ehrman, John R. 1P
Escott, Edward Brind 1U, 2R
Ferrier, A. 2P, 3P, 4P, 6P, 9P
Frankel, E. T. 1R
Gillies, Donald B. 1P
Gloden, Albert 25R
Good, Irving John 1P
Gruenberger, F. J. 15U
Hagis, Peter, Jr. 1P
Hannon, Beth H. 1R
Hurwitz, Alexander 1P, 2P
Isemonger, K. R. 1P, 2P, 3P
Jarden, Dov 1R, 2RE, 3R, 4R, 9R, 10R
Kaplansky, Irving 1R
Karst, Edgar 3P
Katz, Alexander 1R, 2R
Kraitchik, M. 13R
Kravitz, Sidney 2P, 3P, 4U, 5P
Lal, Mohan 10U
Lee, Elvin J. 1P, 2P
Lehmer, Derrick Henry 10R, 18Q, 24P, 27P, 28P, 30P, 31R, 46E
Lehmer, Emma 2R
Lind, Douglas 1R
Muskat, Joseph B. 2P, 3U
Neville, Eric Harold 2R
Norton, Karl K. 1R
Ondrejka, Rudolf 1U
Parkin, Thomas R. 1U
Paxson, G. A. 1P
Poulet, P. 1R, 2U
Riesel, Hans 2P, 3P, 4P, 5P, 7P, 8P, 9P, 10P
Riordan, John 3R
Robinson, Raphael M. 4P, 5P, 6U
Salzer, Herbert E. 2U, 68P
Scheffler, D. 1P
Selfridge, J. L. 1P
Shanks, Daniel 16P
Stein, M. L. 1P
Stein, Marvin L. 2R
Todd, John 7R, 13R
Touchard, Jacques 1R
Travers, J. 1E
Uhler, Horace Scudder 1P, 2P, 4P, 5P, 6P, 11R
Watson, E. J. 1P
Wrathall, Claude P. 1P
Wunderlich, M. C. 2P
Wunderlich, Marvin 1R

9.10 Number Theoretic Functions

Abramowitz, Milton 11RE
Aloaglu, L. 1R
Appel, K. I. 1R
Archibald, Raymond Clare 21P, 93P
Ashworth, Margaret 1U
Auluck, F. C. 1R
Bateman, Paul T. 1P, 2R
Beeger, N. G. W. H. 2R, 10E
Bellman, Richard E. 3P
Blanch, Gertrude 4P
Brillhart, John 5P
Chatland, Harold 2R
Cheema, Mohinder Singh 2R
Chowla, Sarvadaman D. 1R
Comét, Stig 1P
Douthitt, R. C. 1U
Duparc, H. J. A. 1R
Ehrman, John R. 1P
Erdős, Paul 3P
Fraser, W. C. G. 1P
Fröberg, Carl-Erik 9P
Gillies, Donald B. 1P
Good, Irving John 1P, 3P
Gupta, Hansraj 3U, 4R, 7R, 8R, 10R, 11R, 12R, 13R, 15R
Gupta, Om Prakash 2R
Hannon, Beth H. 1R
Haselgrove, C. B. 1R
Johnson, Selmer M. 3P
Jones, M. F. 3P
Keller Herbert Bishop 1P
Killgrove, Raymond B. 1P
Kortum, R. 1R
Kravitz, Sidney 5P
Lahiri, D. H. 1R
Lahiri, Debabrata 1R
Lal, Mohan 5P, 18P, 21U
Lander, L. J. 5P
Lehman, R. Sherman 1P
Lehmer, Derrick Henry 3R, 19U, 20U, 21P, 41U
Lehmer, D. N. 4RE
Lehmer, Emma 3PR
Lehner, Joseph 1R
Linnik, Ju. V. 1R
Mapes, David C. 1P, 2U
DE Marchin, R. 1R
Miller, J. C. P. 36R
Mitchell, W. C. 1P
Neville, Eric Harold 1R
Norton, Karl K. 1R
Pipping, Nils 4E
Porter, Robert J. 11U
Ricci, Giovanni 1R
Rosser, J. Barkley 6R
Salzer, Herbert E. 68P
Schinzel, André 1P
Selmer, Ernst S. 1R, 2R, 4R
Shanks, Daniel 2P, 3P, 4P, 5P, 6P, 8P, 9P, 11P, 12P, 13P, 15P, 16P, 19P
Stein, M. L. 1P
Stein, Marvin L. 2R
VON Sterneck, R. D. 1E
Tietze, Heinrich 1R
Todd, J. A. 1R
Touchard, Jacques 1R
Uhler, Horace Scudder 13R
Wagstaff, S. S., Jr. 1P
Wall, D. D. 1U
Watson, George Neville 2RE
Whitten, Sylvester 1U
VAN Wijngaarden, Adriaan 8R

Wrench, John W., Jr. 18P
Ballistic Research Laboratories 6U

9.15 Binomial Congruences, Primitive Roots, Residues, etc.

Abramowitz, Milton 11RE
Anonymous 12R
Archibald, Raymond Clare 21P, 104P
Baumert, Leonard D. 2P, 3U
Beeger, N. G. W. H. 2R, 5R, 9R, 10E
Blanch, Gertrude 4P
Borosh, I. 1P
Brillhart, John 5P
Burunova, N. M. 1RE
Cahen, E. 1E
Cantor, David G. 1P
Čebyšev, P. L. 3E
Chatland, Harold 1R
Churchhouse, R. F. 2R
Cohn, Harvey 1P
Delfeld, Albert 1R
Dragonette, Leila A. 1R
Duparc, H. J. A. 1R
Erdös, Paul 3P
Ferrier, A. 11U, 12U
Franklin, Joel N. 2P
Gamballi, L. 1R
Gillies, Donald B. 1P
Gloden, Albert 1R, 4R, 6R, 7U, 9R, 12R, 13R, 15R, 16R, 17U, 18U, 20R, 23U, 29U, 31U, 33U, 34R, 38U, 39U, 44R, 45P, 46P
Goldberg, Karl 1R
Gruenberger, F. J. 11U
Hayashi, Harry S. 1P
Gambelli, L. 1R
Hoffman, Walter 1R
Hoppenot, S. 5R
Hurwitz, Alexander 1P
Jarden, Dov 2RE, 4R, 10R
Kaprekar, D. R. 1RE, 2RE
Karst, Edgar 5P
Konheim, Alan G. 1P
Kortum, R. 1R
Kraitchik, M. 6E
Kravitz, Sidney 1P
Kulik, J. P. 2E
Lal, Mohan 5P
Lebedev, A. V. 1RE
Lehmer, Derrick Henry 9E, 25U, 26U, 29P, 32U, 33P, 38R, 42P
Lehmer, Emma 2R, 3PR, 4U
Levine, Jack 1P, 2P
Lind, Douglas 1R
Mann, Henry B. 1P
Metsänkylä, Tauno 1P
Miller, J. C. P. 33U, 36R
VON Neumann, Johann 7P
Nicol, Charles A. 1U, 2R
Osborn, Roger 1R
Ostrogradskiĭ, Mihail Vasil´evič 1R
Palamà, Giuseppe 1R
Pall, Gordon 1P
Parker, E. T. 1P
Pearson, Erna H. 1P
Riesel, Hans 6P
Robinson, Raphael M. 1R, 2U, 5P, 8P
Rodemich, Eugene R. 1P
Scholz, Arnold 1R
Schönheim, J. 1P
Selmer, Ernst S. 5R
Ser, J. 1R
Shanks, Daniel 2P, 3P, 9P, 15P
Shapiro, George 1P
Spira, Robert 11PM
Stemmler, Rosemarie M. 1P
Swift, Jonathan Dean 5P
Tietze, Heinrich 1R
Todd, John 9R
Uchiyama, Saburô 1P
Vinogradov, I. M. 1R, 3RE
Wall, D. D. 1U
Watson, E. J. 1P
Wells, Jacqueline 1P
Wijdenes, Piet 1R
Wrench, John W., Jr. 18P
Wunderlich, M. C. 2P
Wunderlich, Marvin 1R

9.20 Primes and Their Distribution

Abramowitz, Milton 11RE
Alway, G. G. 1P
Anonymous 12R
Appel, K. I. 1R
Archibald, Raymond Clare 21P, 22P, 45P, 57P, 79P, 104P
Baker, C. L. 1U, 2R
Bateman, Paul T. 1P, 2R
Beeger, N. G. W. H. 4P, 7P, 8P, 12U, 13U, 14U
Berry, F. J. 1U
Blanch, Gertrude 4P
Brillhart, John 3P, 6P
Buckingham, Earle 1E
Burunova, N. M. 1RE
Cantor, David G. 1P
Cazzola, Emilio 1R
Cheema, Mohinder Singh 2R
Cherwell, Lord 1R
Cunningham, A. J. C. 1E
Diehl, L. G. 1U
Dijkstra, E. W. 2P
Durfee, William Pitt 1U
Ehrman, John R. 1P
Euler, Leonard 1E
Ferrier, A. 1R, 3P, 4P, 5P, 9P
Fletcher, Alan 9RE
Fröberg, Carl-Erik 9P
Früchtl, Kurt 1R
Garwick, Jan V. 1P
Gérardin, A. 1R, 2R
Gillies, Donald B. 1P
Gloden, Albert 1R, 4R, 25R, 27U, 32U, 41U, 45P, 46P
Goldberg, Karl 1R
Good, Irving John 3P
Gruenberger, F. J. 4U, 5U, 8R, 10U
Gupta, Hansraj 8R, 16R
Gupta, Om Prakash 2R
Hammer, H. K. 2U
Hurwitz, Alexander 1P
Inghirami, G. 1E
Jarden, Dov 1R, 7U, 8R, 9R
Johnson, R. F. 1U
Johnson, Selmer M. 3P
Jones, M. F. 3P, 4U, 6U
Jordan, James H. 2U
Karst, Edgar 6U
Katz, Alexander 1R
Kaván, Jiří 1R, 2R
Killgrove, Raymond B. 1P
Kloss, K. E. 1U
Kraitchik, M. 1R, 2R, 3R, 4R, 5R, 8E, 10RE
Kravitz, Sidney 3P, 5P
Kulik, J. P. 1RE, 2E
Lal, Mohan 5P, 18P
Lambert, J. H. 1R, 2R
Lander, L. J. 5P, 6P
Lebedev, A. V. 1RE
Leech, John 1U, 2P

Lehmer, Derrick Henry 8U, 9E, 10R, 12RE, 24P, 27P, 28P, 29P, 30P, 31R, 41U, 45E, 46E
Lehmer, D. N. 2R, 3RE
Lehmer, Emma 3PR
Levine, Jack 2P
Lienard, R. 2U, 3U, 4U
Linnik, Ju. V. 1R
Mapes, David C. 1P, 2U
DE Marchin, R. 1R
Merrifield, C. W. 1E
Metropolis, Nicholas 9R
Miller, J. C. P. 33U
Osborn, Roger 1R
Palamà, Giuseppe 1R, 2R, 3RE
Pearson, Erna H. 1P
Peters, Johann Theodor 12R
Petrović, Mihail 1R
Pipping, Nils 1R, 4E
VAN DER Pol, Balth 1R
Poletti, Luigi 1U, 2U, 3U
Porter, Robert J. 1U
Ricci, Giovanni 1R
Riesel, Hans 2P, 10P
Robinson, Raphael M. 5P, 6U
Rosser, J. Barkley 6R
Sang, Edward 1U
Schütte, Karl 1R, 2R
Selby, Samuel M. 1R
Selfridge, J. L. 1P
Selmer, Ernst S. 3R, 4R
Ser, J. 1R
Sexton, Charles R. 1P
Shanks, Daniel 2P, 3P, 4P, 5P, 6P, 8P, 9P, 13P, 19P
Silberstein, L. 1R
Smith, Herschel F. 1P
Spira, Robert 2U, 3U
Stein, M. L. 1P
Stein, Marvin L. 2R
Tietze, Heinrich 1R, 2R
Todd, John 7R, 13R
Touchard, Jacques 1R
Uhler, H. S. 6R
Uhler, Horace Scudder 1P, 2P, 7P
Vinogradov, I. M. 3RE
Wijdenes, Piet 1R
Williams, H. C. 3P
British Association for the Advancement of Science, Mathematical Tables Centre 4R, 7P
Brown and Sharpe Mfg. Co. 1R

9.25 Factorization

Abramowitz, Milton 11RE
Alway, G. G. 1P
Archibald, Raymond Clare 22P, 45P, 69Q, 79P, 104P
Becker, H. W. 1R
Beeger, N. G. W. H. 1R, 3U, 4P, 6Q, 7P, 8P, 11P, 12U, 13U, 14U
Brillhart, John 1P, 2P, 3P, 4P, 6P
Buckingham, Earle 1E
Burunova, N. M. 1RE
Cazzola, Emilio 1R
Chowla, Sarvadaman D. 1R
Comét, Stig 1P
Cunningham, A. J. C. 1E, 2E, 3E
Curtiss, John W. 1R
Duparc, H. J. A. 1R
Durfee, William Pitt 1U
Ehrman, John R. 1P
Euler, Leonard 1E
Ferrier, A. 1R, 2P, 3P, 4P, 5P, 6P, 7U, 8U, 9P, 10U, 11U, 12U
Fletcher, Alan 9RE
Gloden, Albert 1R, 2R, 4R, 5R, 8R, 10R, 11R, 12R, 13R, 14E, 17U, 18U, 19U, 21U, 25R, 26U, 28U, 30U, 31U, 32U, 35U, 36U, 37U, 40U, 41U, 42U, 43P, 44R, 45P, 46P
Good, Irving John 1P
Gupta, Hansraj 1R
Inghirami, G. 1E
Isemonger, K. R. 1P, 2P, 3P
Jarden, Dov 1R, 2RE, 3R, 4R, 5R, 6R, 8R, 9R, 10R
Johnson, R. F. 1U
Karst, Edgar 3P
Katz, Alexander 1R, 2R
Kaván, Jiří 1R, 2R
Kraitchik, M. 10RE, 13R
Kravitz, Sidney 2P, 4U, 5P
Kulik, J. P. 2E
Kuroda, Sigekatu 1R
Lal, Mohan 5P
Lambert, J. H. 1R, 2R
Lebedev, A. V. 1RE
Lee, Elvin J. 2P
Lehmer, Derrick Henry 8U, 9E, 10R, 12RE, 20U, 21P, 44R
Lehmer, D. N. 2R
Lehner, Joseph 1R
Levine, Jack 2P
Lienard, R. 4U
Lind, Douglas 1R
Merritt, H. E. 1R
Miller, J. C. P. 36R
Muskat, Joseph B. 2P, 3U
Neville, Eric Harold 1R
Norton, Karl K. 1R
Palamà, Giuseppe 1R
Paxson, G. A. 1P
Peters, J. 1R
Peters, Johann Theodor 12R
Poletti, Luigi 2U
Porter, Robert J. 1U
Prange, Eugene 1R
Riesel, Hans 3P, 4P, 5P, 7P
Robert, Harry C., Jr. 1R
Robinson, Raphael M. 4P, 5P, 6U
Scholz, Arnold 1R
Schütte, Karl 1R, 2R
Selby, Samuel M. 1R
Selfridge, J. L. 1P
Ser, J. 1R
Shanks, Daniel 2P, 16P
Spira, Robert 1U
Tarbell, F. V. 1U
Todd, John 7R, 13R
Uhler, H. S. 12R
Uhler, Horace Scudder 1P, 2P, 4P, 7P, 12R
Wall, D. D. 1U
Watson, E. J. 1P
Wrathall, Claude P. 1P
Wrench, John W., Jr. 1U
Wunderlich, Marvin 1R
British Association for the Advancement of Science, Mathematical Tables Centre 4R, 7P
Brown and Sharpe Mfg. Co. 1R
National Bureau of Standards Computation Laboratory 13U

9.30 Forms and Diophantine Equations

Adams, E. P. 2Q
Anema, A. S. 1U, 2U, 3U, 4U
Archibald, Raymond Clare

13P, 97Q
Atkinson, F. V. 1R
Banerjee, D. P. 1R
Barrodale, Ian 1P
Bateman, Paul T. 2R
Beeger, N. G. W. H. 4P
Beiler, Albert H. 2U
Brudno, Simcha 1P
DE Bruijn, Nicolaas Govert 1P
Cassels, J. W. S. 1R
Chandler, E. McC. 1R
Chatland, Harold 1R
Chowla, Sarvadaman D. 1R
Cohen, Edward L. 1P
Cohn, Harvey 4P, 5R
Davis, Martin 1R
Dickson, Leonard Eugene 1R, 2R
Diehl, L. G. 1U
Duarte, F. J. 2R
Ferrier, A. 3P
Gardiner, V. L. 1P, 2U
Gérardin, A. 1R, 2R
Gloden, Albert 1R, 4R, 5R, 6R, 8R, 9R, 14E, 15R, 22U, 24U, 27U, 37U
Godwin, H. J. 4R
Gruenberger, F. J. 15U
Gupta, Hansraj 1R, 2R, 5U, 6R, 12R, 16R
Hammer, H. K. 2U
Hemer, Ove 1R, 2R
Jones, Burton W. 1R
Jones, M. F. 5U
Jordan, James H. 2U
Kloss, K. E. 1U
Ko Chao 1R
Kortum, R. 2RE
Kraitchik, M. 7R
Kuroda, Sigekatu 1R
Lal, Mohan 1P, 2P, 3R, 11R, 12P, 15U, 20P
Lander, L. J. 2P, 3P, 4P
Lee, Elvin J. 1P
Lehmer, Derrick Henry 1Q, 13R, 29P, 31R, 33P, 36R
Lehmer, D. N. 1E
Lehmer, Emma 2R
Levine, Jack 1P
Lienard, R. 2U, 3U
Linnik, Ju. V. 1R
Loria, Gino 1R
DE Marchin, R. 1R
Miksa, Francis L. 2U, 4U, 5U, 6R, 7U, 8U, 11U, 12UE, 13U
Natucci, Alpinolo 1R
Neugebauer, Otto E. 1R
Neville, Eric Harold 1R
Newman, Morris 3U
Nielsen, N. 1E
Ordman, Edward T. 2U
Palamà, Giuseppe 2R
Persson, Bengt 1R
Petrović, Mihail 1R
Pipping, Nils 1R
VAN DER Pol, Balth 1R
Poletti, Luigi 1U
Porter, Robert J. 2U, 3U, 5U, 6U, 7U, 8U, 9U, 10PR, 12U
Poulet, P. 2U
Richmond, Herbert W. 1E
Robert, H. C. 1R
Robert, Harry C., Jr. 1R
Robinson, Raphael M. 1R, 3U
Salzer, Herbert E. 29U, 68P, 86P
Schinzel, André 1P
Scholz, Arnold 1R
Schwartz, Jacob T. 2R
Selmer, Ernst S. 1R, 2R, 3R, 4R, 5R
Ser, J. 1R
Shanks, Daniel 5P, 6P, 8P, 11P, 15P, 18P, 20P
Shook, R. C. 1R
Sparks, F. W. 1R
Spira, Robert 1U, 8UE
Spohn, W. G. 1P
Stemmler, Rosemarie M. 1P
Størmer, Carl 1R
Thébault, Victor 1R
Tietze, Heinrich 1R
Todd, John 1Q, 7R
Uhler, H. S. 13R
Val´fiš, A. Z. 1R
Varnavides, P. 1R
Weigel, H. W. 1R
VAN Wijngaarden, Adriaan 4R
Williams, H. C. 1P, 2U, 3P
Wunderlich, M. C. 1P
British Association for the Advancement of Science, Mathematical Tables Centre 7P

9.35 Diophantine Approximation

Barnes, E. S. 1R
Blanch, Gertrude 4P
Fraser, W. C. G. 1P
Haselgrove, C. B. 2P
Hinčin, A. Ja. 1R, 2R
Hovanskĭ, A. N. 2R
Keller Herbert Bishop 1P
Kortum, R. 2RE
McAndrew, M. H. 1P
Mitchell, W. C. 1P
Niven, Ivan 1R
Olds, C. D. 1R
Patz, Wilhelm 1R
Pipping, Nils 2R, 3R
Roth, K. F. 1R
Spohn, W. G. 1P
Stemmler, Rosemarie M. 1P

9.40 Normal Numbers and Distribution of Digits

Beyer, William A. 1U
Coustal, René 1R
Greenwood, Robert E., Jr. 4PR
Gross, W. 1P
Gruenberger, F. J. 1P, 2P, 3P
Jones, M. F. 6U
Karst, Edgar 5P
Knuth, Donald E. 2P
Lal, Mohan 6UM, 8U, 9U, 10U, 17U
Metropolis, Nicholas 1P
Nicholson, S. C. 1P, 2R
Parkin, Thomas R. 5P
Pathria, R. K. 1P
Reitwiesner, George W. 1P
Shanks, Daniel 21U
Takashi, Koki 1U
Uhler, H. S. 10R
Uhler, Horace Scudder 8R, 9R, 10R, 13R

9.45 Modular Computation

Abramowitz, Milton 11RE
Aiken, Howard H. 5R
DE Bruijn, Nicolaas Govert 1P
Causey, Robert L. 1U
Churchhouse, R. F. 2R
Collins, George E. 1P
Ferrier, A. 11U, 12U
Fröberg, Carl-Erik 2R, 5RE
Gloden, Albert 1R, 6R, 22U, 23U, 24U, 29U
Gross, W. 1P
Harrison, Joseph O., Jr. 2P
Johnson, D. L. 1P

Karst, Edgar 1U, 2U, 4U
Koons, Florence 1P
Lazarkiewicz, A. 1P
Lehner, Joseph 2R
Mann, Henry B. 1P
Metropolis, Nicholas 10P
Neovius, Gösta 2R
Newman, Morris 1P
Parker, E. T. 1P
Parkin, Thomas R. 5P
Robinson, Raphael M. 2U
Schönheim, J. 1P
Shapiro, Harold S. 1P
Soden, Walter 1P
VAN Wijngaarden, Adriaan 10R
Ballistic Research Laboratories 6U

9.50 Books on the Theory of Numbers

Hasse, Helmut 1R
Jarden, Dov 10R
Linnik, Ju. V. 1R
McCoy, Neal H. 1R
Miller, J. C. P. 36R
Niven, Ivan 1R
Osborn, Roger 1R
Ostrogradskiĭ, Mihail Vasil′evič 1R
Scholz, Arnold 1R
Vinogradov, I. M. 1R, 3RE

10.00 Algebra and Combinatorial Theory

Bellman, Richard E. 2R
Taub, A. H. 5R

10.05 Groups, Rings, Fields, Algebras

Aleksandrov, Pavel Sergeevič 1R
Arbib, Michael A. 2R
Arnold, B. H. 1R
Atkin, A. O. L. 2P
Ayoub, Raymond G. 1P
Bartee, Thomas C. 1R
Baumgartner, Ludwig 1R
Becker, H. W. 1R
Bivins, Robert L. 1P, 2U
Böhling, Karl-Heinz 1R
Booth, Andrew Donald 1R
Brown, Harold 1P
Burckhardt, Johann Jakob 1R
Cassels, J. W. S. 1R
Chatland, Harold 1R, 2R
Chrétien, M. 2R
Chunikhin, C. A. 1R
Churchhouse, R. F. 2R
Cockayne, E. J. 1PM
Cohn, Harvey 1P, 6P, 7P, 8P, 9P
Collins, George E. 1P
Comét, Stig 1P, 2P
Coxeter, H. S. M. 2R
Curtiss, John W. 1R
Derwidué, L. 1R
Dubisch, Roy 1R
Faddeev, D. K. 2R
Flügge, Siegfried 1R
Gazalé, M. Midhat J. 1R
Godwin, H. J. 4R
Goodstein, R. L. 1R
Hall, Marshall, Jr. 5RE
Hartmanis, Juris 1R
Hasse, Helmut 1R
Howell, K. M. 1E
Ibrahim, E. M. 1U
Ince, E. L. 3R
James, Rodney 1P
Katsura, Shigetoshi 4R
Kloss, K. E. 1U
Korn, Granino A. 5R
Kuroda, Sigekatu 1R
Ledley, Robert S. 1R
Lloyd, Daniel B. 1R
Lunelli, Lornezo 4R, 5R
MacLane, Saunders 1R
Makar, Ragy H. 1R
McEliece, Robert J. 1PM
McLaren, A. D. 1P
Metropolis, Nicholas 9R
Miller, Willard, Jr. 2R
Moore, D. H. 1P
Muroga, Saburo 1P
Nadler, M. 1R
Newman, Morris 3U
Ordman, Edward T. 2U
Osima, Masaru 1R
Pall, Gordon 1P
Parker, E. T. 1P
Peterson, W. Wesley 1R
VAN DER Pol, Balth 1R
Porter, Robert J. 7U
Postley, J. A. 1P
Prasad, A. V. 1R
Saaty, Thomas L. 2R, 4R
Sears, B. J. 3R
Selby, Samuel M. 1R
Selfridge, J. L. 2R
Shanks, Daniel 3P, 20P
Souriau, Jean-Marie 1R
Spitznagel, Edward L., Jr. 1P
Tamura, Takayuki 1R
Taussky, Olga 2P
Temple, G. 2R
Tietze, Heinrich 1R
Todd, J. A. 2R
Todd, John 13R
Traub, J. F. 2P
Weber, H. 1E
Yang, Chao-hui 1P
Zassenhaus, Hans J. 1P
British Association for the Advancement of Science, Mathematical Tables Centre 7P
Institut de Mathématiques Appliquées 1U
4-Eme Congrès de Calcul et de Traitement de l'Information 1R

10.10 Finite Fields

Cavior, Stephan R. 1P
Churchhouse, R. F. 2R
Cohn, Harvey 1P
Curtiss, John W. 1R
Godwin, H. J. 4R
Gupta, Hansraj 16R
Ince, E. L. 3R
Korn, Granino A. 5R
McAndrew, M. H. 2P
Metsänkylä, Tauno 1P
Prange, Eugene 1R
Robinson, Raphael M. 8P
Swift, Jonathan Dean 5P
Zassenhaus, Hans J. 1P

10.12 Symmetric Functions

David, Florence N. 1R, 4R, 5R, 7R, 13R
Fielder, Daniel C. 1P, 2P
Hooke, Robert 1R
Kerawala, S. M. 1R, 2R, 3R, 4R
Ziaud Din, M. 1R

10.15 Irreducible Polynomials

Bateman, Paul T. 2R
Carlitz, Leonard 2P
Cockayne, E. J. 1PM
Peterson, W. Wesley 1R
Robinson, Raphael M. 7P
Rodemich, Eugene R. 1P
Schinzel, André 1P

Swift, Jonathan Dean 5P
Watson, E. J. 1P

10.20 Arrays, Latin Squares

Bouwkamp, Christoffel Jacob 7R
Cochran, William G. 2R
David, H. A. 7R
Dowgird, Zygmunt 1R
Hall, Marshall, Jr. 1P, 2P
Keedwell, A. D. 1P
Kitagawa, Tosio 6R
Lehmer, D. N. 1E
Levine, Jack 1P
Metropolis, Nicholas 9R
Ostrowski, R. T. 1P
Parker, E. T. 2P
Swift, Jonathan Dean 2U
Yamamoto, Koichi 1R, 2R

10.25 Projective Planes, Block Designs, Difference Sets

Baumert, Leonard D. 2P
Beckenbach, Edwin F. 2R
Bradley, Ralph Allan 1R, 2R
Clatworthy, Willard H. 1R
Hall, Marshall, Jr. 2P, 3P
Hayashi, Harry S. 1P
Keedwell, A. D. 1P
Killgrove, Raymond B. 3P
Kitagawa, Tosio 6R
Lunelli, Lornezo 4R, 5R
Nikolai, Paul J. 2P
Parker, E. T. 2P
Ramakrishnan, C. S. 1R
Roy, Jogabrata 1R
Todd, John 13R

10.30 Permutations, Combinatorial Identities

Abramowitz, Milton 11RE
Aiken, Howard H. 5R
Andrew, A. M. 1R
Archibald, Raymond Clare 93P
Auluck, F. C. 1R
Bacz, Robert M. 1P
DE Balbine, Guy 2P
Banerjee, D. P. 1R
Bass, L. J. 1P
Beckenbach, Edwin F. 2R
Bennett, John H. 1R
Bouwkamp, Christoffel Jacob 8U
Cheema, Mohinder Singh 2R, 4P, 5P
Churchhouse, R. F. 2R
Cochran, William G. 2R
Comét, Stig 1P
Curtiss, John W. 1R
David, Florence N. 13R
Davis, Martin 1R
Douthitt, R. C. 1U
Dragonette, Leila A. 1R
Fischer, Paul B. 1R
Fletcher, Alan 9RE
Ford, L. R. Jr. 1R
Frankel, E. T. 1R
Goodstein, R. L. 1R
Gupta, Hansraj 5U, 9R, 11R, 15R
Gupta, Om Prakash 2R
Hammersley, J. M. 4R
Harary, Frank 1P
Howell, John R. 1P
Isbell, John R. 1P
Johnson, Selmer M. 2P
Kaplansky, Irving 1R
Katsura, Shigetoshi 4R
Kleinrock, Leonard 1R
Knuth, Donald E. 4R
Lehner, Joseph 2R
Levine, Jack 1P, 2P
Lévy, Paul 1R
Lotto, Gary 1P
Lunnon, W. F. 1P
McAndrew, M. H. 1P
Mitchell, W. C. 2P
Moses, Lincoln E. 3R
Nanda, V. S. 1R
Newman, Morris 1P
Nikolai, Paul J. 2P
Ondrejka, Rudolf 5U
Parkin, Thomas R. 5P
Riordan, John 3R, 4R, 5R
Runge, P. H. Roosen 1R
Sade, Albert 1R
Schneider, Hans-Jochen 1R
Shubik, Martin 1R
Todd, J. A. 1R
Wells, Jacqueline 1P
Wells, Mark B. 4P
VAN Wijngaarden, Adriaan 8R
Yamamoto, Koichi 2R
British Association for the Advancement of Science, Mathematical Tables Centre 7P
4-Eme Congrès de Calcul et de Traitement de l'Information 1R

10.35 Graph Theory

Aiken, Howard H. 5R
Beckenbach, Edwin F. 2R
Biondi, Emanuele 1R
Bowen, Robert 1P
DE Bruijn, Nicolaas Govert 1P
Busacker, Robert G. 1R
Churchhouse, R. F. 2R
Cockayne, E. J. 2PM
Ford, L. R. Jr. 1R
Harary, Frank 1P
Kaufmann, Arnold 1R
Knuth, Donald E. 4R
Lunelli, Lornezo 1R, 2R
Ore, Oystein 1R
Uhlenbeck, G. E. 1R
4-Eme Congrès de Calcul et de Traitement de l'Information 1R
Rheinisch-Westfälisches Institut für Instrumentelle Mathematik 1R

10.40 Books on Algebra and Combinatorial Theory

Aleksandrov, Pavel Sergeevič 1R
Arnold, B. H. 1R
Baumgartner, Ludwig 1R
Beckenbach, Edwin F. 2R
Chunikhin, C. A. 1R
Coxeter, H. S. M. 2R
Faddeev, D. K. 2R
Krull, Wolfgang 1R
MacLane, Saunders 1R
Riordan, John 4R
Souriau, Jean-Marie 1R

11.00 Geometry

Anema, A. S. 4U
Fletcher, Alan 10RE
Korn, Granino A. 5R

11.05 Coordinate Conversion Tables

Archibald, Raymond Clare 11P
Comrie, L. J. 19R

Kaplan, Sidney 2P
Ljusternik, L. A. 4R
Marchisio, Pietro 1R
Miller, J. C. P. 2R, 9R
Neißuler, L. 4R
Neville, Eric Harold 2R
Numerov, B. V. 2R
Rybner, Jørgen 3R, 5R
Seeley, W. J. 2R
British Association for the Advancement of Science, Mathematical Tables Centre 7P
National Bureau of Standards 33R
National Bureau of Standards Computation Laboratory 3U
National Defense Research Committee 2R, 4R
War Department 2R

11.10 Polygons, Polyhedra and Other Geometrical Figures

Anema, A. S. 1U, 2U, 3U
Archibald, Raymond Clare 21P, 40P, 77Q, 80P, 90Q
Bass, L. J. 1P
Beiler, Albert H. 2U
Biondi, Emanuele 1R
Bouwkamp, Christoffel Jacob 7R, 8U
Bowen, Robert 1P, 2P
Brown, Harold 1P
Burgoyne, F. D. 6P
Cahill, William F. 1P
Carey, F. S. 1E
Cockayne, E. J. 1PM, 2PM
Cohn, Harvey 2P, 3R, 7P, 8P, 9P
Comét, Stig 1P
Coxeter, H. S. M. 1R
Curtis, H. L. 1R
Davis, Philip J. 3P
Deschodt, J. 1R
Dobrovolsky, V. V. 1R
Dubisch, Roy 1R
Emersleben, Otto 13R
Fejes Tóth, László 1R
Fisher, Donald D. 1P
Fletcher, Alan 5P
Fraser, W. C. G. 1P
Gaunin, Jules 1R
Goldberg, Michael 1P, 2P
Grace, Donald W. 1P
Grammel, Richard 1R
Grosser, C. E. 1R
Gupta, Hansraj 6R, 12R
Hacker, Sidney G. 1R
Hall, Marshall, Jr. 2P
Herget, Paul 4R
Jones, M. F. 5U
Jordan, James H. 2U
Keller Herbert Bishop 1P
Kraitchik, M. 7R
Lal, Mohan 1P, 11R
Lander, L. J. 4P
Lehmer, Derrick Henry 16P
Leĭbin, A. S. 1R
Lunelli, Lornezo 1R, 2R, 4R, 5R
Lunnon, W. F. 1P
Mahler, Kurt 1R
Masket, A. V. H. 2R
McLaren, A. D. 1P
Melzak, Z. A. 1P, 2P
Meyer zur Capellen, Walther 1E, 2R
Miksa, Francis L. 2U, 4U, 5U, 6R, 7U, 11U, 12UE, 13U
Mitchell, W. C. 1P
Olsson, Uno 1R
Ore, Oystein 1R
Peters, J. 3R
Pólya, George 1R
Reicheneder, Karl 1R
Robert, H. C. 1R
Rybner, Jørgen 4R
Saaty, Thomas L. 4R, 5R
Schwartz, Jacob T. 2R
Selby, Samuel M. 1R
Shipley, Herbert 2R
Spencer, Roy C. 2R
Turrell, Franklin Marion 1R
Uhler, H. S. 13R
Vidal, Enrique 1R
Vogel, Werner F. 1R
Vogel, Werner M. 1R
Weingarten, Harry 1R
Wiener, Norbert 1R
VAN Wijngaarden, Adriaan 4R
Wrench, John W., Jr. 8Q
Yamabe, Hidehiko 1P
Akad. Nauk. SSSR 3RE
General Electric Co. 1R
Harvard University, Computation Laboratory 10R
Istituto Geografico Militare, Florence 2R
Massachusetts Institute of Technology 3R

11.15 Conformal Mapping

Arbenz, Kurt 1R
Beckenbach, Edwin F. 1R
Bereis, Rudolf 1R
Bergman, Stefan 5P
Curtiss, John W. 1R
Gaier, Dieter 1R
Gram, Christian 1R
Kantorovič, L. V. 1R
Kober, Hermann 1R, 2R, 3R
Mitrinović, Dragoslav S. 19R
Morse, Philip M. 5R
Saaty, Thomas L. 4R
Sauer, Robert 2R
Todd, John 2P
Tomović, Rajko 2R
Wilf, Herbert S. 4P
International Business Machines Corporation 7R

12.00 Computers and Other Aids to Computation

Flügge, Siegfried 1R
Hacker, Sidney G. 1R
Hoffman, Walter 1R
Meyer zur Capellen, Walther 1E, 2R
Murray, Francis J. 1R, 8R
Sluckin, W. 1R
Stibitz, George R. 7R
Taub, A. H. 5R
Youden, W. W. 2R

12.05 Digital Computers

Aiken, Howard H. 3R, 4R
Alder, Berni J. 2R
Alt, Franz L. 2P, 3P, 4R, 5R, 6R, 7R
Andrews, Ernest 1R
Anonymous 3R, 4R, 5R, 8R, 9R, 13R, 14R, 15R, 16R, 18R, 19R, 20R, 21R, 23R, 24R, 25R, 26R, 28R, 29R, 30R, 31R, 34R, 35R, 39R, 45R, 47R, 59R, 61R, 62R
Archibald, Raymond Clare 46P, 59P, 67P
Aronson, Milton H. 1R
Ashby, W. Ross 1R
Auerbach, A. A. 1R
Bauer, Friedrich L. 1P
Bellman, Richard E. 2R
Berkeley, Edmund Callis 1R, 2R, 3R, 4R, 6R
Bigelow, Julian H. 1R
Bloch, Richard M. 1P, 2P

Booth, Andrew Donald 4R, 5R, 6P, 9R, 10R
Booth, Kathleen H. V. 2R
Bowden, B. V. 1R
Brainerd, John Grist 2R
Brillouin, Léon 1R
Brooker, R. A. 2P
Brown, R. Hunt 1R
Buchholtz, Werner 1R
Bueckner, Hans F. 2R
Burks, Arthur W. 1R, 2R, 3R, 4R, 5P
Bush, Robert R. 1R
Bykhovskiĭ, M. L. 1R
Caldwell, Samuel H. 2P
Canning, Richard G. 1R, 2R
Cantor, David G. 1P
Cesareo, O. 1R
Chapin, Ned 1R
Chu, C. 1R
Cohen, Arnold A. 2P
Comrie, L. J. 8R, 10P, 12P, 15R, 17R, 18R
Condon, E. U. 1R
Coombs, A. W. M. 1R
Couffignal, Louis 2R, 3P
Crank, J. 1R
Cruon, R. 1R
Culbertson, James T. 1R
Curry, Haskell B. 1R
Dahl, Ole-Johan 1R
Davis, Harry M. 1R
Davis, Harold T. 4R
Davis, Martin 1R
Diermer, Andreas 1R
Donnell, J. W. 2R
Drew, Thomas B. 1R
Eckert, W. J. 4P, 5R, 6R
Eckman, Donald P. 1R
Estrin, G. 1P
Evans, D. S. 1R
de Finetti, Bruno 1R
Flores, Ivan 1R
Freudenthal, Hans 1R
Gardner, Martin 1R, 2R
Garwick, Jan V. 1P
Gill, Arthur 1R
Gluck, S. E. 1R
Goldstine, Adele K. 2R
Goldstine, Herman H. 1P, 3R
Goodell, John D. 1R
Gotlieb, C. C. 1R
Gray, Harry J., Jr. 4R
Greenberger, Martin 3R
Gregory, Robert H. 1R
Greig, John 1P
Grubbs, Frank E. 5R
Haeff, Andrew V. 1P
Hall, J. A. P. 1R
Hamilton, Andrew 1R
Hartree, Douglas 2R, 6R, 9R
Herbach, Leon H. 1R
Hintze, Guenther 1R
Hoberg, G. G. 1R
Hoffleit, Dorrit 1P
Hollander, F. H. 1R
Hollitch, Robert S. 1R
Hruška, Vaclav 1R
Humphrey, Watts, Jr. 1P
Hurd, Cuthbert C. 1R, 2R, 3R, 4R
Huskey, Harry D. 1R, 3P, 4R, 6R
Ireson, W. Grant 1R
Irwin, John B. 2R
Irwin, Wayne C. 1R
Ivall, T. E. 1R, 2R
James, M. L. 1R
Juley, Joseph 1R
Kämmerer, Wilhelm 1R
Kent, Allen 2R
Kilburn, T. 2R
Kjellberg, Göran 1P
Kobrinskiĭ, N. E. 1R
Kozmetsky, G. 1R
Lazarkiewicz, A. 1P
Lebedev, S. A. 1R
Ledley, Robert S. 1R
Lee, Y. W. 1R
Leiner, Alan L. 1P
Lessing, Lawrence P. 1R
Lilley, S. 2R
Lipton, S. 1P
Livesley, R. K. 1R
Lode, Tenny 1R
Lowell, Sherman Cabot 1R, 2R
Lubkin, Samuel 4P
Lyndon, Roger C. 1P
MacLeish, K. G. 1R
MacWilliams, W. H., Jr. 1R
McCallum, D. M. 1R
McCulloch, Warren S. 1R, 2R
McPherson, J. L. 1P
Montgomerie, G. S. 1R
Morrison, Emily 1R
Morton, Paul L. 1P
Murray, Francis J. 2R, 3R
VON Neumann, Johann 10R
Newman, James R. 1R
Oettinger, Anthony G. 1R
Oppelt, Winfried 1R
Patterson, George W. 1R, 2R
Pearcey, T. 1R, 2P
Pfeiffer, John 1R
Radanović, L. 1R
Rey, T. J. 1R
Richards, R. K. 1R
Ridenour, Louis N. 1R, 2R
Rubbert, F. K. 1R
Russo, F. 1R
Rutishauser, Heinz 1R
Sangren, Ward C. 1R
Saunders, R. M. 1R
Schultz, Louise 1R
Seeber, R. R. 2R
Shannon, Claude E. 3R
Sharpless, T. K. 3R
Siegel, Paul 1R
Singh, Jagjit 1R
Smith, A. E. 1R
Smith, Charles V. L. 1R
Stibitz, George R. 3R, 4P
Stock, John Robert 1R
Stone, Jeremy J. 1P
Taussky, Olga 2P
Tiller, F. M. 1R
Todd, John 12P
Tumbleson, Robert C. 1R
Walker, J. P., Jr. 1P
Weik, Martin H. 1R
Wheeler, David J. 4P
Wiener, Norbert 3R
Wilkes, Maurice 4P, 5R, 9R, 11R, 12R, 14R
Willcox, W. F. 1P
Williams, F. C. 1R
Wittke, Heinz 4R
Wolf, J. Jay 1P
Zuse, K. 1R, 2R
Akad. Nauk. SSSR 1R
Akad. Nauk. SSSR, Leningrad, Mat. Inst. V. A. Steklova 2R
ASME (American Society of Mechanical Engineers) 1R
Armour Research Foundation 1R
Department of the Army 1R, 2R
Franklin Institute, Phila, Pa. 1R
Harvard University, Computation Laboratory 2R, 7R, 12R, 17R
Institute for Advanced Study, Princeton, New Jersey 1R

Institute of Radio Engineers 1R, 2R
International Business Machines Corporation 1R, 3R, 4R, 5R, 6R
Joint AIEE-IRE Computer Conference 1R
Moore School of Electrical Engineering 1R, 2R, 3R
National Bureau of Standards Institute for Numerical Analysis 2R
National Defense Research Committee 5R
Office of Naval Research 1R, 2R, 3R, 4R, 6R
Proceedings I. E. E., London 1R
Purdue University Computer Research Program 1R
4-Eme Congrès de Calcul et de Traitement de l 'Information 1R
Reeves Instrument Corp. 1R
Tjänste, Chalmers Tekniska Högskola, Göteborg 1R
UNESCO 1R
University of Sidney 1R
U. S. Air Force 1R
U. S. Navy, Offices of Research and Inventions 3R, 4R, 5R, 6R, 7R

12.05.1 Coding, Programming and Software

Abbott, Wilton R. 2P
Adams, E. P. 2Q
D 'Agapeyeff, A. 1R
Akušskiĭ, Ju. A. 1R, 2R, 3R, 4R
Alt, Franz L. 1P, 8R, 9R
Alway, G. G. 1P
Andersen, C. M. 2R
Andree, Richard V. 1R
Andrews, Ernest 2R
Anonymous 2R, 22R, 53R, 54R, 58R, 60R
Archibald, Raymond Clare 7P, 54P
Arden, Bruce W. 1R
Arsac, Jacques 1R
Atoji, Masao 2R
Aumann, Robert J. 1P
Bagley, P. R. 1R
Balakrishnan, A. V. 1R
Bareiss, Erwin H. 1P
Barrois, W. 1R
Barron, D. W. 1R
Bartholomew, Gerald E. 1P
Bartlett, Neil R. 1R
Bateman, Harry 2Q
Bates, Frank 1R
Bauer, Charles R. 1R
Baumann, R. 1R
Beckenbach, Edwin F. 1R, 2R
Bejarano, Gabriel G. 1P
Benjamin, Kurt 1R
Bergman, Stefan 1R, 2R
Berkeley, Edmund Callis 5R
Black, Bertram J. 1R
Blair, Alexander 1P
Blanch, Gertrude 4P
Blatt, John M. 1R
Bleick, Willard Evan 1P
Bobrow, Daniel G. 1R
Bolliet, L. 1R
Booth, Andrew Donald 2R
Bork, Alfred M. 1R
Borosh, I. 1P
Braugh, H. W. 1R
Brillhart, John 5P
Brinkley, Stuart R., Jr. 4R
Brooker, R. A. 1P
Brooks, Frederick P., Jr. 1R
Brown, Harold 1P
Broyden, C. G. 2P
Burke, Paul J. 1R
Burnett-Hall, D. G. 1R
Caminer, D. T. 1R
Carter, A. E. 1R
Carter, W. C. 1R
Cashwell, E. D. 1R
Castore, G. F. 1R
Causey, Robert L. 1U
Charnes, Abraham 2R
Clippinger, R. F. 1P, 2P
Cochran, W. 1R
Cockayne, E. J. 1PM
Cohen, Arnold A. 1R
Cohn, Harvey 3R
Colman, H. L. 1R
Connolly, T. J. 1R, 2R
Conte, Samuel D. 3R
Coombs, J. M. 1R
Corbató, Fernando J. 2R
Cosens, C. R. 1Q
Coulson, John E. 1R
Cox, E. G. 1R
Cozzone, F. P. 1R
Curtiss, John W. 1R
Cutler, Donald I. 1R
Dahl, Ole-Johan 2R
Davis, Philip J. 9R
Davison, J. F. 1R
Dodes, Irving Allen 1R
Donnell, J. W. 1R
Dorn, William S. 1R
Doyle, Thomas C. 1P
Draper, Norman R. 1R
Eckert, W. J. 1P, 2P, 3R
Ekman, Torgil 1R
Farina, Mario V. 1R, 2R, 3R
Felker, J. H. 2R
Flores, Ivan 2R
Floyd, W. B. 1R
Forsythe, George E. 11P
Forte, Allen 1R
Foster, J. M. 1R
Frame, J. Sutherland 1P
Frank, Evelyn 1PM
Fröberg, Carl-Erik 2R
Froese, Charlotte 2R
Galler, Bernard A. 1R
Gass, Saul 1R, 3R
George, F. H. 1R
Germain, Clarence B. 1R
Gill, Stanley 1R, 2RE
Glasmacher, Werner 1R
Golde, Helmut 1R
Golden, James T. 1R, 2R
Goldstine, Herman H. 5R, 6R
Golub, Gene Howard
Goode, Harry 1R, 2R
Gram, Christian 1R
Gray, Gilbert R. 1R
Gray, Harry J., Jr. 2R, 3P
Greenberger, Martin 4R
Gregory, Robert T. 1P
Griffith, B. A. 1P
Grosch, H. R. J. 1R
Gruenberger, F. J. 6R, 14R
Guntsch, Fritz Rudolf 1R, 2R
Hall, Marshall, Jr. 1P, 2P
Hammer, Preston, C. 2P
Hammersley, J. M. 1P
Hamming, R. W. 1R
Hanson, D. 1R
Hanson, Richard J. 1P
Harrison, Joseph O., Jr. 1P
Hart, John F. 1RE
Hartmanis, Juris 1R
Hartree, Douglas 1R
Herbst, Eugene 1P

Herget, Paul 2P, 3R
Hicks, Bruce L. 1P
Higman, Bryan 1R
Hiller, Lejaren, Jr. 1R
Holberton, John V. 1P
Hollingdale, S. H. 1R
Hollingsworth, John 1P
Horbett, Rita M. 1R
Householder, Alston S. 1R
Hull, T. E. 2R
Hume, J. N. P. 1P
Huskey, Harry D. 5R
Jacobson, Arvid W. 1R
James, Wendy 1P
Jeenel, Joachim 2R
Johnson, D. L. 1P
Kalmár, László 1R
Karst, Edgar 4U
Keller Herbert Bishop 1P
Kemeny, John G. 1R
Kind-Schaad, G. 1R
King, G. W. 1R
King, Gilbert W. 1R, 2P, 3R
Klass, P. 1R
Klerer, Melvin 1R
Knuth, Donald E. 4R
König, Robert 1R
Koons, Florence 1P
Koppel, H. 1R, 2R
Korganoff, André 1R
Kovach, Ladis D. 1R
Laderman, Jack 2R
LaFara, Robert L. 1P
Larsson, Robert D. 1R
Layton, L. L. 1R
Lecht, Charles P. 1R, 2R
Ledley, Robert S. 2R
Leeds, Herbert D. 1R
Lehman, R. Sherman 2P
Lehmer, Derrick Henry 21P, 29P, 38R, 42P
Lehmer, Emma 3PR
Leondes, Cornelius T. 3R, 4R
Lewis, H. R., Jr. 1P
Lotkin, Max 1P
Lubkin, Samuel 2P
Lueck, L. B. 1R
Lunelli, Lornezo 3R
MacAdam, David L. 1R
MacMillan, D. B. 1P, 3R
Macon, Nathaniel 2R
Maley, Gerald A. 1R
Martin, Frederick J. 1R
Martin, James 1R
McCormick, John M. 1R
McCracken, Daniel D. 1R, 2R, 3R, 4R, 5R
Meriam, J. L. 1P
Metropolis, Nicholas 9R
Metzger, Robert W. 1R
Miller, J. C. P. 4P
Mitchell, Herbert F., Jr. 1P
Mittman, Benjamin 1R
Mond, Bertram 2R
Moore, Edward F. 1P
Morrison, Donald R. 1P
Moursund, David G. 2R
Murray, Francis J. 4P
Newell, Allen 1R
Nickel, Karl L. E. 1R
Nicol, Keith 1R
Noble, Ben 2R, 3R
Nordsieck, Arnold 1P
Norton, T. R. 1R
Oldfield, B. 1R
Opler, Ascher 3P, 4R
Orchard-Hays, William 1R
Pall, Gordon 1P
Parker, E. T. 1P
Parlett, B. N. 1P
Pasta, John R. 1P
Pearcey, T. 3R, 4R
Pease, L. 1R
Pennington, Ralph H. 1R
Perry, David P. 1P
Peterson, W. Wesley 1R
Plumb, S. C. 1R
Pollack, Seymour V. 1R
Postley, J. A. 1P
Prager, William 2R
Prinz, D. G. 1R
Purdie, R. Hume 1R
Ralston, Anthony 1R, 3R
Reitwiesner, George W. 1P
Renner, H. W. 1U
Reynolds, William A. 1R
Ribière-Michaud, Françoise 1R
Richards, H. W. 1R
Richtmyer, Robert D. 1R
Ridgway, Andress O. 1P
Riley, Vera 1R
Robb, James C. 1R
Robinson, Raphael M. 1R
Rochester, Nathaniel 1R
Rose, Arthur 1R, 2R, 3R, 4R
Rubenstein, Albert H. 1R
Rubinstein, Moshe F. 1R
Runge, P. H. Roosen 1R
Saxon, James A. 1R, 2R
Say, M. G. 2R, 3R
Schwartz, Jacob T. 1R
Shaffer, P. A., Jr. 1R, 2R
Shannon, Claude E. 2R
Shapiro, Harold S. 1P
Sharp, William F. 1R
Shaw, Robert F. 2R
Sherman, Philip M. 1R, 2R
Shimizu, Tatsujiro 1R
Shubik, Martin 1R
Siegel, L. 1R
Skillman, Sherwood 1P
Smith, R. E. 1R
Smith, Robert W., Jr. 1P
Snyder, Frances E. 1P
Snyder, James N. 1P
Southworth, Raymond W. 1R
Sparks, R. A. 1R
Spira, Robert 2U, 3U, 7U, 11PM
Stein, Marvin L. 1R
Stibitz, George R. 6P
Strang, C. R. 1R
Stroud, Arthur H. 9P, 15R
Stuart, Frederic 1R
Switzer, Keith A. 1R
Teichroew, Daniel 1P, 2R
Thatcher, Charles M. 1R
Theilheimer, Feodor 1P
Thomas, George B. 1R
Thompson, Rory 2U
Tocher, K. D. 1R
Todd, John 2P, 13R
Tompkins, C. B. 1P
Tuttle, H. C. 1R
Ungar, Andrew 1R
Varah, J. M. 1P, 2M, 3M
Verzuh, Frank M. 1P
Voight, Susan J. 1R
Votaw, David F., Jr. 1P
Wagner, Harvey M. 1P, 2P
Wall, D. D. 4P
Walsh, J. 1R

Wegner, Peter 1R, 2R
Weinberg, Gerald M. 2R
Weiss, Eric A. 1R
Welby, B. G. 1R
Wilkes, Maurice 6R, 16R
Williams, H. C. 1P
Womersley, J. R. 1PE
Woodbury, Max A. 1R
Wooldridge, R. 1R
Wrubel, Marshal H. 1R
Wynn, Peter 3P, 5P
Yamabe, Hidehiko 1P
Zonneveld, J. A. 1R
Armour Research Foundation 2R, 3R
Ferranti Ltd. 1R
Food and Agriculture Organization of the United Nations 1R
Instituto Gulbenkian de Ciencia 1R
International Business Machines Corporation 7R
Los Alamos Scientific Laboratory 1R
Mathematisches Labor der Technischen Hochschule Wien 1R
Massachusetts Institute of Technology 3R
National Bureau of Standards 27R, 28R, 39R
National Bureau of Standards Electronic Laboratory 1P
National Bureau of Standards Machine Development Laboratory 1P
National Physics Laboratory, London 1R
Office of Naval Research 5R
Programming Research Group, Applied Science Division, International Business Machines Corporation 1R
Revue Française de Traitement de l 'Information 1R
The Staff of Computer Usage Company 1R

12.05.2 Design and Hardware

Aiken, Howard H. 5R
Andersen, W. M. A. 1R
Anonymous 27R, 49R, 51R, 55R
An Wang 1R
Arenberg, D. L. 2R
Auerbach, Isaac L. 1R
Barnes, R. C. M. 1R
Bartee, Thomas C. 1R
Bell, W. 1R
Billing, H. 1R
Bliss, Warren H. 1R
Booth, Andrew Donald 1R, 3R
Brown, David R. 1R
Chen, Tung Chang 1R
Eckert, J. P., Jr. 1R
Elbourn, Robert D. 1R
Fuller, Harrison W. 1R
Geisler, H. J. 1R
Girlach, Albert A. 1R
Goetz, J. A. 1R
Goodman, R. M. 1R
Gray, T. S. 1R
Gridley, D. H. 1R
Haeff, Andrew V. 2R
Higonnet, Rene A. 1R
Hill, J. L. 1R
Hohn, Franz Edward 2R
Kazan, B. 1R
Kenosian, H. 1R
Kincaid, Marshall 1R
Knapton, James H. 1R
Knight, L. 1R
Lephakis, A. J. 1R
MacMillan, D. B. 2R
Marcus, Mitchell P. 1R
McSkimin, H. J. 1R
Metz, Frank A., Jr. 1R
Moore, Benjamin L. 1R
Mullaney, F. C. 1R
Muroga, Saburo 1P
Mutter, W. E. 1R
Nadler, M. 1R
Newman, M. H. A. 1R
O 'Neal, R. D. 2R
Packer, L. R. 2R
Page, Chester H. 1R
Pendery, D. W. 1R
Phister, Montgomery, Jr. 1R
Rabinow, J. 1R
Rajchman, Jan A. 1P
Ratz, A. G. 1R
Sharpless, T. K. 2R
Speiser, Ambrosuis 1R
Spence, Homer W. 1R
Stibitz, George R. 2P
Tillman, J. R. 1R
Tompkins, C. B. 1P
Wang-an 1R
Wild, John J. 1R
Wilkes, Maurice 1R, 2R, 3R, 7R
Wilkinson, James Hardy 1R
Williams, F. C. 2R
Williams, R. Wilson 1R
Engineering Research Associates, Inc. 1R
Harvard University, Computation Laboratory 23R
Moore School of Electrical Engineering 4R
Rheinisch-Westfälisches Institut für Instrumentelle Mathematik 1R

12.10 Analog Computers

Ackerman, Sumner 1R
Adcock, Willis A. 1R
Altman, Leonilda 1R
Amble, Ole 1R
Amitsur, Shimshon Avraham 1R
Anderson, W. G. 1R
Anonymous 6R, 16R, 17R, 18R, 26R, 35R, 39R, 41R, 42R, 44R, 57R
Archibald, Raymond Clare 46P
Aronson, Milton H. 1R
Atkinson, Cyril P. 1P
Bader, Wilhelm 1R
Bauer, B. B. 1R
Bauer, L. 1R
Bayly, J. G. 1R
Beard, R. E. 1R
Bennett, R. R. 1R
Benson, B. S. 1R
Bereis, Rudolf 1R
Berkeley, Edmund Callis 1R, 6R
Berry, Clifford E. 1R, 2R
Bisplinghoff, Raymond L. 1R
Bogert, B. 1R
Booth, Andrew Donald 1R
Boothroyd, A. R. 1R, 2R, 3R
Born, Max 1R
Bosworth, S. 1R
Brock, Paul 2P
Bromberg, Eleazer 1R
Bronzo, J. A. 1R
Brooks, F. E., Jr. 1R
Broomall, John 1R
Brown, S. Leroy 2R
Brownell, G. L. 1R
Bruk, I. S. 2R
Bruyevich, N. G. 1R
Bubb, Frank W. 1R
Bueckner, Hans F. 1R, 2R
Bush, Robert R. 1R
Bush, V. 1R

Çambel, Ali Bulent 1R
Čebyšev, P. L. 2R
Cederbaum, Israel 1R
Chance, B. 1R
Cherry, E. Colin 3R
Comrie, L. J. 15R
Cook, A. C. 1R
Coyle, M. B. 1R
Cozzone, F. P. 1R
Craig, Leonard J. 1R
Crank, J. 1R
Crumb, C. B., Jr. 1R
Cruon, R. 1R
Currie, A. A. 1R
Deeley, E. M. 1R
Dennis, Jack B. 1R
Dietzold, R. L. 2P
Djure, Stig 1R
Donnell, J. W. 2R
Dreyer, Hans-Joachim 1R
Einstein, P. A. 1R
Evans, D. S. 1R
Felker, J. H. 1R
Fender, F. G. 1R
Frame, J. Sutherland 1P
Freudenthal, Hans 1R
Fritz, Norman L. 1R
Fritze, E. H. 2R
Fürth, R. 2R
Gardner, Martin 1R
Garwin, R. L. 1R
Gephart, Landis 1P
Glubrecht, H. 1R
Goldberg, Edwin A. 1R, 2R, 3R
Goode, Harry 1R, 2R
Goodell, John D. 1R
Grandi, L. L. 1R
Graves, Ross E. 1U
Hägg, G. 1R
Hardy, Arthur C. 1R
Hartley, G. M. 1R
Hartree, Douglas 3R, 4R
Hastings, A. E. 1R
Haupt, L. M. 1R
Hegbar, H. R. 1R
Hrones, John A. 1R
Hubbard, Phillip G. 1R
Huskey, Harry D. 6R
Iams, H. 1R
Irwin, Wayne C. 1R
Ivall, T. E. 1R, 2R
Jaeger, J. C. 5R
James, M. L. 1R
James, W. G. 1R
Jenkins, R. 1R
Jessop, H. T. 1R
Johnson, Clarence L. 1R
Karplus, Walter J. 1R
Kayan, C. F. 1R
Kazan, B. 1R
Koehler, J. S. 1R
Korn, Granino A. 1R, 2R, 3P, 4R
Kuehni, H. P. 1R
Lakatos, E. 1R, 2R
Langmuir, D. B. 1R
Lehman, Jules 1R
Levin, Joseph H. 1P
Levine, Leon 1R
Liebman, G. 1R
List, B. H. 1R
Llewellyn, F. J. 1R
Lode, Tenny 1R
Ludeke, Carl A. 1R, 2R
Lyon, G. 1R
MacKay, D. M. 2R
Macnee, Alan 1R, 2R, 3R
MacWilliams, W. H., Jr. 1R
Maginniss, F. J. 1R
Mankopf, Jurgen Richard 1R
Many, Abraham 1R
Marshall, Byron O., Jr. 1R
Marshall, R. W. 1R
Massey, H. S. W. 1R
Maxfield, John E. 2P
McCann, G. D. 1P, 2R, 3R
McCool, William A. 1R, 2R, 3R, 4R
McEwan, W. S. 1R
McFee, Richard 1R
Meneley, C. A. 1R
Meriam, J. L. 2R
Meyerott, R. E. 1R
Mickelsen, J. K. 1R
Mindlin, Raymond D. 1R
Moore, Thomas M. 1R
Morris, William L. 2R
Murray, Francis J. 2R, 3R
VON Neumann, Johann 10R
Neustadt, Lucien W. 1P
Newman, James R. 1R
Oppelt, Winfried 1R
Orcutt, Guy H. 1R
DePackh, D. C. 1R
Parsons, J. Howard 1R
Peaceman, D. W. 1R
Pekeris, Chaim L. 1R
Peterson, H. A. 2R
Pickens, D. H. 1R
Poritsky, Hillel 1R
Radanović, L. 1R
Ragazzini, John R. 1R
Raymond, François-Henri 1R
Redshaw, S. C. 1R
Reid, Robert R. 1R
Reinhardt, Fritz 1R
Robertson, J. H. 1R
Sauer, Robert 1R
Say, M. G. 1R
Scherberg, Max G. 1P
Scott, R. E. 1R
Seiwell, H. R. 1R
Shah, J. R. 1R
Shannon, Claude E. 1R
Shimizu, H. 1R
Smith, Cyril Stanley 1R
Smith, O. J. M. 1R
Snowden, F. C. 1R
Softky, S. 1R
Sokoloff, Boris Alexandre 1R
Soroka, Walter W. 1R, 3R
Spangeberg, K. 1R
Speiser, Ambrosuis 3R
Stibitz, George R. 4P, 5P
Swenson, George W., Jr. 1R, 2R
Tauxe, G. J. 1R
Todd, John 2P
Tolstov, Iu. G. 1R
Tomović, Rajko 1R, 2R
Tribus, M. 1R
Vance, P. R. 1R
Vichnevetsky, Robert 1R
Vineyard, George H. 1R
Volynskiĭ, B. A. 1R
Walker, G. B. 1R, 2R
Walker, Robert M. 1R
Wallman, Henry 1R
Walters, Louis G. 1R
Walther, Alvin 1R
Weiner, F. 1R
Wilkes, Maurice 11R
Williams, R. Wilson 1R
Williams, R. W. 1R
Wittke, Heinz 4R
Womersley, J. R. 1PM
Young, Bruce B. 1R
Zubkov, P. I. 1R
Akad. Nauk. SSSR 1R
ASME (American Society of Mechanical Engineers) 1R
Engineering Research Associates, Inc. 1R
Great Britain, Ministry of Supply 2R
Institute of Gas Technology 1R
Institute of Radio Engineers 1R, 2R
Mathematisches Labor der Technischen Hochschule Wien 2R

Office of Naval Research 1R, 3R, 4R
Proceedings I. E. E., London 1R
4-Eme Congrès de Calcul et de Traitement de l'Information 1R
Reeves Instrument Corp. 1R
University of Sidney 1R
U. S. Navy, Offices of Research and Inventions 4R, 5R, 7R

12.15 Digital-Analog (Hybrid) Computers

Alt, Franz L. 8R
Anonymous 32R, 33R, 36R, 37R, 38R, 39R, 40R, 46R, 61R
Archibald, Raymond Clare 46P
Balakrishnan, A. V. 1R
Barney, Kay Howard 1R
Bush, Robert R. 1R
Crank, J. 1R
Donan, John F. 1P
Evans, D. S. 1R
Forbes, George F. 1R
Freudenthal, Hans 1R
Gardner, Martin 1R
Goodell, John D. 1R
Hoffleit, Dorrit 1P
Howe, Robert M. 1R
Huskey, Harry D. 6R
Johnson, Clarence L. 1R
Lechter, Sidney 1R
Lode, Tenny 1R
MacWilliams, W. H., Jr. 1R
Mendelson, M. J. 1R
Michel, J. G. L. 2P
Radanović, L. 1R
Rees, Mina 1R
Sprague, R. E. 1P
Stibitz, George R. 4P
Susskind, Alfred K. 1R
Todd, John 2P
Vichnevetsky, Robert 1R
Volynskiĭ, B. A. 1R
Wilkes, Maurice 11R
ASME (American Society of Mechanical Engineers) 1R
Armour Research Foundation 2R
Institute of Radio Engineers 2R
Mathematisches Labor der Technischen Hochschule Wien 2R
Office of Naval Research 1R, 2R, 3R, 4R
Proceedings I. E. E., London 1R
Reeves Instrument Corp. 1R
University of Sidney 1R
U. S. Navy, Offices of Research and Inventions 4R, 5R, 7R

12.15.1 Coding, Programming and Software

Allen, William A. 1R
Atkinson, Cyril P. 2P
Feder, Donald P. 1R
Goode, Harry 1R

12.15.2 Design and Hardware

Anonymous 50R, 52R
Gamble, Edward 1R
Goldberg, Edwin A. 4R
Vance, A. W. 1R

12.20 Aids to Computation - Slide Rules, Desk Calculators, etc.

Aitken, P. B. 1R
Anderson, Victor C. 1R
Anonymous 1R, 7R, 10R, 11R, 34R, 35R, 43R, 48R
Archibald, Raymond Clare 2P, 31Q, 32Q, 47P, 59P, 67P, 70Q
Atkinson, Cyril P. 1P
Avery, H. T. 1R
Ayers, J. D. 1R
Babcock, Alfred B. 1R
Barber, N. F. 1R
Baudouin, Georges 1R
Beiser, A. 1R
Bereis, Rudolf 1R
Bisplinghoff, Raymond L. 1R
Bleick, Willard Evan 1P
Boho, M. J. 1R
Boothroyd, A. R. 3R
Born, Max 1R
Bothel, J. R. 1R
Brown, Carlton E. 1R
Brown, R. T. 1R
Brown, S. Leroy 1R, 2R, 3R, 4R, 5R, 6R, 7R
Bruk, I. S. 1R
Bubb, Frank W. 1R
Bueckner, Hans F. 1R
Camp, Kingsland 1R
Campbell, J. S. 1R
Carroll, J. B. 1R
Čebyšev, P. L. 2R
Charp, S. 1R
Clark, John W. 1R
Comrie, L. J. 3R, 7R, 8R, 10P, 12P, 15R, 18R
Corteloyou, J. T. 1R
Crowell, Lisbeth 1R
Crumb, C. B., Jr. 1R
Curtis, H. L. 1R
Daniels, F. B. 1R
Danjon, André 1R
Davis, Harold T. 4R
Dietzold, R. L. 1R
Dobrovolsky, V. V. 1R
Dudin, Raymond 1R
Everitt, M. J. 1R
Fischer, Paul B. 1R
Fletcher, Alan 9RE
Frame, J. Sutherland 1P
Gavrilko, G. 1R
Gilbert, Ray E. 1R
Grosser, C. E. 1R
Gruenberger, F. J. 9P
Gulliksen, Harold 1R
Hägg, G. 1R
Hall, A. S. 1R
Hammer, Preston, C. 7R
Harrington, R. A. 1R
Herrick, Samuel 3R
Hickson, V. M. 1R
Hogan, Joseph T. 1R
Jaeger, J. C. 6R
Johnson, Ernest F. 1R
Johnson, Lee 1R
Karplus, Walter J. 1R
Karst, Edgar 2U
Kayan, C. F. 1R
Kennedy, W. J. 1R
Knauss, Harold P. 1R
Kojima, Takashi 1R
Krienes, Klaus 1R
Langmuir, D. B. 1R
Laurila, E. 1R
Lehmer, Derrick Henry 23R
Lel'bin, A. S. 1R
Lilley, S. 1R
Lohse, O. 1R
Makowski, M. W. 1R
Manley, R. G. 1R
Marchisio, Pietro 1R
Marshall, R. W. 1R
McDonal, F. J. 1R
Merrill, G. S. 1R
Merritt, H. E. 1R
Mindlin, Raymond D. 1R
Mitchell, Donald V. 1R
Montgomerie, G. A. 1P
Montgomerie, G. S. 1R

Moon, Parry 4R
Moore, A. D. 1R
Morrell, William E. 1R
Poritsky, Hillel 1R
Ramsayer, Karl 1R
Redheffer, Raymond M. 1R
Reid, Robert R. 1R
Reynolds, George E. 1R
Richardson, H. 1R
Roscoe, R. 1R
Rubinoff, Morris 2P
Sauvenier-Goffin, E. 1R
Say, M. G. 1R
Scott, A. H. 1R
Shaw, Denman 1R
Soroka, Walter W. 1R, 2R
Stibitz, George R. 1P, 4P
Strohm, Rufus F. 1R
Svoboda, Antonín 1R
Tadayon, J. 1R
Tea, Peter L. 2R
Todd, John 2P
Vajda, Stefan 1R
Vand, Vladimir 1R, 2R
Waddington, L. E. 1R
Waite, J. M. 1Q
Walker, G. B. 1R
Walz, Alfred 1R
Waters, J. F. 1R
Weber, Andrew R. 1R
Weems, P. V. H. 3R
Weissenstein, Henry G. 1R
Weissler, G. L. 1R
Wheeler, David J. 4P
Wilkes, Maurice 11R
Willers, F. A. 1R
Wilson, L. H. 1R
Winkler, Ernst H. 1R
Wittke, Heinz 1R, 3R, 4R
Zuse, K. 1R
Akad. Nauk. SSSR 1R
Akad. Nauk. SSSR, Leningrad, Mat. Inst. V. A. Steklova 2R
Great Britain, Ministry of Supply 2R
Marchant Calculating Machine Co. 1RE
MULTIX 1R
Office of Naval Research 2R, 3R, 4R
Speer Products Company 1R
War Department 1R

12.25 Nomographs

Adams, D. P. 1R
Adams, Douglas P. 1R, 2R
Andersen, C. M. 1R
Andrews, H. L. 1R
Anonymous 56R
Appel, Valentine 1R
Baracket, A. J. 1R
Batschelet, Eduard 1R
Bell, William D. 1R
Bennett, G. A. 1R
Billmeyer, I. W. 1R
Birnbaum, Z. W. 1R
Boas, Mary L. 1R
Bouman, J. 1R
Bowman, Howard S. 1R
Burrows, Walter Herbert 1R, 2R
Carle, N. A. 1R
Cisar, J. M. 1R
Davidon, William C. 1R
Dingman, H. F. 1R
Doporto, M. 1R
Epstein, L. Ivan 1R
Euler, J. 1R
Fasal, John H. 1R
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Burnett-Hall, D. G. 1R
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13.55 Humanities